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COMMERCIAL FEEDING STUFFS  
REPORT ON INSPECTION  
1931

E. M. BAILEY



Connecticut  
Agricultural Experiment Station  
New Haven

# CONNECTICUT AGRICULTURAL EXPERIMENT STATION

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## REGISTRATION OF FEEDS

Manufacturers, jobbers or individuals outside the State who ship concentrated commercial feeding stuffs into Connecticut are expected to register the brands so shipped and to pay the necessary fees thereon, and they generally do so. However, under the provisions of our law, if manufacturers or others outside the State neglect or refuse to register, the local dealer who handles such feeds is responsible for such registrations, registration fees and other legal requirements.

In the course of trade, feeds manufactured in another State frequently pass through the hands of several middlemen, none of whom is within the immediate jurisdiction of our law, before they reach the local distributor. This Station makes reasonable investigation to find out the source of shipment of feeds found to be unregistered, but the law imposes no obligation upon it to do so. It is the plain duty therefore of local dealers who purchase feed for resale and distribution to assure themselves that the brands they purchase are registered, or else be prepared to assume that responsibility themselves.



## COMMERCIAL FEEDING STUFFS

### REPORT ON INSPECTION

1931

E. M. BAILEY

#### THE FEED LAW

The text of the law relating to concentrated commercial feeding stuffs and of regulations made jointly by the Dairy and Food Commissioner and the Director of this Station for carrying out its provisions, are given in Bulletin of Immediate Information, No. 60, June, 1927.

Some essential provisions of the law and the regulations may be briefly restated here.

*Exemptions.* It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration, (1) roughages such as hays, straws, corn stover, ensilage and all materials containing more than 60 per cent of water; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grains and sold by the manufacturer directly to the consumer; (5) feed ground from materials furnished by the consumer; or (6) feed mixed according to a formula furnished by the consumer, for his own use.

Under the provision of clause 6 above, a feed must be sold as a formula only, without a private brand name and without analysis. But a feed cannot be offered for general trade as a formula in order to avoid registration and the registration fee.

*Labelling.* All concentrated commercial feeding stuffs must be labelled either by a statement printed on the bag or upon a properly attached tag; except that in the case of cottonseed meal sold for fertilizer, or of any concentrated feeding stuff sold in bulk, a certificate, which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark under which the feed is sold; (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude

protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; and (5) the separate ingredients of which the feed is composed.

While the law requires only a statement of the items enumerated above, no objection will be raised to more complete statements of chemical composition.

*Affixing tags.* The use of wire or any metal in affixing tags to feed packages is prohibited by law.

*Registration and registration fee.* The law requires an annual registration of all concentrated feeds sold or offered for sale in this State. Registrations are to be made with the Connecticut Agricultural Experiment Station and beginning January 1, 1928, the registration period is for the duration of the calendar year. The registration fee is fifteen dollars (\$15), for each brand, a distinct brand name or a distinct analysis constituting a distinct brand.

*Duties of manufacturers, jobbers and dealers.* All concentrated commercial feeding stuffs must be registered annually on January 1, or before they are offered for sale.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registrations, registration fees and other legal requirements.

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

*Cottonseed meal.* Cottonseed meal sold as a fertilizer is required to be registered under the terms of the fertilizer law; if sold also as a feeding stuff it is required also to be registered under the provisions of the feed law; if sold exclusively for one or the other of these purposes, it may be registered only under the law that applies.

#### EXPLANATION OF TERMS USED IN AN ANALYSIS OF FEEDING STUFFS

In registering feeding stuffs the law requires that the minimum percentages of crude protein and crude fat, and the maximum percentage of crude fiber, shall be given; that is, the registrant must guarantee that the feeds registered will contain *not less* than the stated percentages of crude protein and of crude fat and *not more* than the stated percentage of crude fiber.

The term *crude protein* denotes those nutrients that contain

nitrogen, and is obtained by multiplying the percentage of total nitrogen in the feed by the factor 6.25.

The term *crude fat* denotes those substances that are soluble in ether and includes, besides fat, such non-fatty materials as chlorophyll and coloring matter.

The term *crude fiber* denotes the coarse, woody tissues characteristic of all forms of roughage and that are present in the outer coats of cereal and other fodder grains.

Although the law requires only a statement of the three nutrients just defined, no objection is taken to more complete statements of composition, but such further statements, if given, must be correct. Thus, tags sometimes bear guaranties for nitrogen-free-extract and for carbohydrates.

The term *nitrogen-free-extract* denotes those nutrients of the starch and the sugar types. This group is never determined directly but is obtained by subtracting from 100 per cent the sum of the percentages of moisture, ash, crude protein, crude fiber and crude fat.

The term *carbohydrates* denotes the combined percentages of crude fiber and nitrogen-free-extract.

## DEFINITIONS OF FEEDING STUFFS<sup>1</sup>

### ALFALFA PRODUCTS

*Chopped alfalfa* is the entire alfalfa hay, chopped and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material.

*Alfalfa meal* is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 33 per cent of crude fibre.

*Alfalfa leaf meal* is the ground product consisting chiefly of leafy materials separated from alfalfa hay. It must be reasonably free from other crop plants and weeds and must not contain more than 18 per cent of crude fibre.

*Alfalfa stem meal* is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds.

### ANIMAL PRODUCTS

*Blood meal* is ground, dried blood.

*Blood flour* is dried blood, prepared by special processes and reduced to a fine powder.

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<sup>1</sup>As announced by the Association of American Feed Control Officials, 1931-32.

*Digester tankage, meat meal tankage or feeding tankage* is the residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry rendering or a mixture of the products made suitable by drying and grinding. When these products contain more than 10 per cent phosphorus (expressed as  $P_2O_5$ ) they shall be designated Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone. If they bear a name descriptive of their kind, composition or origin they must correspond thereto.

*Meat scraps* is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 10 per cent phosphorus (expressed as  $P_2O_5$ ), it shall be designated Meat and Bone Scrap. If it bears a name descriptive of its kind, composition or origin it must correspond thereto.

*Raw bone meal* is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bone, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein.

*Steamed bone meal* is the dried, ground product suitable for animal feeding obtained by cooking bones with steam under pressure.

*Special steamed bone meal* is the dried, ground product suitable for animal feeding obtained by cooking dried bone after the removal of grease and meat fibre with steam under pressure in the process of obtaining gelatine or glue.

#### APPLE PRODUCTS

*Dried apple pomace* is the sound, dried residue obtained by the removal of cider from apples.

*Dried apple pectin pulp* is the sound, dried residue obtained by the removal of pectin from apple products.

#### BARLEY PRODUCTS

*Barley hulls* are the outer coverings of the barley.

*Barley feed* is the entire by-product resulting from the manufacture of pearl barley from clean barley.

*Barley mixed feed* is the entire offal from the milling of barley flour from clean barley and is composed of barley hulls and barley middlings.

*Ground barley* is the entire product obtained by grinding clean sound barley, containing not less than 90 per cent pure barley and not more than 10 per cent other grains, weed seeds and other foreign material and not more than 6 per cent fibre; provided that no portion of this stated 10 per cent of other grains, weed seeds or other foreign material, shall be deliberately added.

*Mixed feed barley* is the entire product obtained by grinding country run barley containing not less than 75 per cent pure barley and not more than 25 per cent of other grains, weed seeds and other foreign material; provided that

no portion of this stated 25 per cent of other grains, weed seeds, or foreign material, shall be deliberately added. The ingredients must be stated as barley, other grains, weed seeds and foreign material.

#### BREWERS' AND DISTILLERS' PRODUCTS

*Brewers' dried grains* are the properly dried residue from cereals obtained in the manufacture of beer.

*Distillers' dried grains* are the dried residue from cereals obtained in the manufacture of alcohol and distilled liquors. The product must bear the designation indicating the cereal predominating.

*Distillers' corn solubles*, a by-product from the manufacture of alcohol from corn, is a mash liquor concentrated after the removal of the alcohol and wet grains.

*Distillers' rye solubles*, a by-product from the manufacture of alcohol from rye, is a mash liquor concentrated after the removal of the alcohol and wet grains.

*Distillers' corn and rye solubles*, a by-product from the manufacture of alcohol from corn and rye, is a mash liquor concentrated after the removal of the alcohol and wet grains.

*Malt sprouts* are the sprouts of the barley grain obtained in the malting process. Sprouts derived from any other malted cereal must be designated by the name of that cereal.

*Yeast or vinegar dried grains* are the properly dried residue from the mixture of cereals, malt and malt sprouts (sometimes cottonseed meal) obtained in the manufacture of yeast or vinegar and consists of corn or corn and rye from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and serve as a source of food supply for the yeast.

#### BUCKWHEAT PRODUCTS

*Buckwheat shorts or buckwheat middlings* are that portion of the buckwheat grain immediately inside the hull after separation from the flour.

#### CORN PRODUCTS

*Corn meal* (feeding) is finely ground unbolted corn.

*Corn bran* is the outer coating of the corn kernel, with little or no starchy part or germ.

*Corn feed meal* is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn or screened cracked corn, with or without its aspiration products added.

*Corn chop, ground corn or cracked corn* is the entire product made by grinding, cutting or chopping the grains of sound Indian corn, and may be fine, medium or coarse, and must not contain more than 4 per cent of foreign material.

*Screened corn chop, screened ground corn, or screened cracked corn* is the coarse portion of corn chop, ground corn or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material.

*Corn grits, hominy grits* are the fine or medium sized, hard flinty portions of Indian corn containing little or no bran or germ.

*Ear corn chops* is corn and cob chopped, without the husk, with no greater portion of cob than occurs in the ear corn in its natural state.

*Corn gluten meal* is that part of commercial shelled corn that remains after the separation of the larger part of the starch, the germ and the bran, by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles.

*Corn gluten feed* is that part of commercial shelled corn that remains after the separation of the larger part of the starch and the germs by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles.

*Maltose process corn gluten feed* is the dried residue from degermed corn, after removal of starch in the manufacture of malt syrup.

*Hominy feed, hominy meal or hominy chop* is the kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the white corn kernel obtained in the manufacture of hominy, hominy grits, and cornmeal by the degerming process.

*Yellow hominy feed, yellow hominy meal or yellow hominy chop* is a kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the yellow corn kernel obtained in the manufacture of yellow hominy grits and yellow corn meal by the degerming process.

*Corn oil cake* consists of the corn germ from which part of the oil has been pressed and is the product obtained in the wet milling process of manufacture of corn starch, corn syrup, and other corn products.

*Corn oil meal* is ground corn oil cake.

*Corn germ cake* consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products.

*Corn germ meal* is ground corn germ cake.

*Corn screenings* are the small light grains of corn, parts of grains of corn and/or other cereals, and other materials having feeding value, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials.

#### COTTONSEED PRODUCTS

*Cottonseed meal* is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does

not conform to the foregoing definition and that does not contain at least 36 per cent of protein. Cottonseed meal shall be graded and classed as follows:

1. *Cottonseed meal, prime quality.* Cottonseed meal, prime quality, must be finely ground, not necessarily bolted, of sweet odor, reasonably bright in color, yellowish, not brown or reddish, free from excessive lint, and shall contain not less than 36 per cent of protein. It must be designated and sold according to its protein content. Cottonseed meal with 36 per cent of protein must be termed "36 per cent Protein Cottonseed Meal, Prime Quality," and higher grades similarly designated (as "43 per cent Protein Cottonseed Meal, Prime Quality"), etc.

2. *Cottonseed meal, off quality.* Cottonseed meal not fulfilling the above requirements as to color, odor and texture must be graded "36 per cent Protein Cottonseed Meal, Off Quality," and higher grades similarly designated.

*Cottonseed feed* is a mixture of cottonseed meal and cottonseed hulls, containing less than 36 per cent of protein.

*Cold pressed cottonseed* is the product obtained from the subjection of the whole undercorticated cottonseed to the cold pressure process for the extraction of oil and includes the entire cottonseed less the oil extracted.

*Ground cold pressed cottonseed* is the product obtained by grinding cold pressed cottonseed.

#### LINSEED AND FLAX PRODUCTS

*Linseed cake or meal* is oil cake or meal made from flaxseed; provided that the final product must contain less than 6 per cent of weed seeds and other foreign materials and; provided further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added.

*Old process oil meal, old process linseed meal* is oil meal as defined or linseed meal as defined produced by crushing, cooking and hydraulic pressure.

*New process oil meal, new process linseed meal* is oil meal as defined or linseed meal as defined produced by crushing, heating and the use of solvents.

*Flax plant by-product* is that portion of the flax plant remaining after the separation of the seed, the bas fibre and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem.

*Ground flaxseed or flaxseed meal* is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; provided that the final product must contain less than 4 per cent of weed seeds and other foreign materials, and; provided further, that no portion of the stated 4 per cent of weed seeds and other foreign materials shall be deliberately added.

*Unscreened flaxseed oil feed cake* is the product obtained by extraction of part of the oil from unscreened flaxseed by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents. The ingredients must be stated as partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)

*Ground unscreened flaxseed oil feed* is the ground unscreened flaxseed oil feed cake.

*Screenings oil feed* is the ground product obtained after extraction of part of the oil by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents from the smaller imperfect grains, weed seeds and other foreign materials, having feeding value, separated in cleaning the grain. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed."

*Oil cake* is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating and the use of solvents, from seeds which have been screened and cleaned of weed seeds, and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other products the name of the seed from which it is obtained must be prefixed to the words "Oil Cake."

*Oat meal or ground oil cake* is oil cake ground to a meal.

#### MARINE PRODUCTS

*Fish meal* (Feeding) is clean, dried, ground tissues of undecomposed whole fish and/or fish cuttings with or without the extraction of part of the oil.

*Fish residue meal* (Feeding) is the clean, undecomposed residue from the manufacture of glue from non-oily fish.

*Crab meal* (Feeding) is prepared from the undecomposed waste of the crab industry and contains the shell, viscera and part or all of the flesh. It contains at least 25 per cent protein.

*Shrimp meal* (Feeding) is prepared from the undecomposed waste of the shrimp industry and contains the head, hull and/or the whole shrimp.

#### MILK PRODUCTS

*Evaporated buttermilk* (Feeding), *concentrated buttermilk* (Feeding), *condensed buttermilk* (Feeding), is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butterfat, and not more than .14 per cent ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given.

*Dried skimmed milk* (Feeding) is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent moisture.

*Condensed skimmed milk* (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent total solids.



## OAT PRODUCTS

*Oat hulls* are the outer coverings of the oat.

*Oat middlings* are the floury portions of the oat groat obtained in the milling of rolled oats.

*Oat shorts* are the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats.

*Oat chop, ground oats, pulverized oats, crushed oats and crimped oats* consists of the entire product made by chopping, cutting, grinding, crushing or crimping oats.

*Oat groats* are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal.

*Hulled oats, undried oat groats* are the kernels produced from the undried grain in the process of hulling oats.

*Oat meal, ground oat groats* is the product produced by cutting, cracking or grinding oat groats.

*Rolled oat groats* (Rolled Oats) is the product obtained in the process of rolling oat groats.

*Clipped oat by-products* is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats and dust. It must not contain an excessive amount of oat hulls.

## PEANUT PRODUCTS

*Peanut oil cake* is the residue after the extraction of part of the oil by pressure or solvents from peanut kernels.

*Peanut oil meal* is ground peanut oil cake.

*Unhulled peanut oil feed* is the ground residue obtained after extraction of part of the oil from whole peanuts, and the ingredients must be designated as *Peanut meal and hulls*.

## RICE PRODUCTS

*Rice bran* is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice.

*Rice hulls* are the outer coverings of the rice.

*Rice polish* is the finely powdered material obtained in polishing the kernel.

*Rice meal* is ground brown rice or ground rice after the hull has been removed.

*Ground rough rice* is ground rice from which the hull has not been removed or ground paddy rice.

*Rice stone bran* is the siftings from the materials secured in removing hulls from rice and contains rice germs, broken rice and some rice hulls.

*Rice huller bran* is a product secured by the huller and comes from brown rice and consists mostly of the bran and germs.

## RYE PRODUCTS

*Rye bran* is the coarse outer covering of the rye kernel as separated from the cleaned and scoured rye.

*Rye feed*, a by-product obtained in the usual process of the milling of rye flour from cleaned and scoured rye grain, consists principally of the mill-run of the outer covering of the rye grain and the germ with small quantities of flour and aleurone.

*Rye red dog*, a by-product obtained in the usual process of the milling of rye flour, consists principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 3.5 per cent crude fibre.

*Rye low grade feed flour* consists principally of dark rye flour and small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent crude fibre.

*Rye middlings* consists of rye feed and rye red dog combined in the proportions obtained in the usual process of milling rye flour.

*Rye flour middlings* consist of rye feed, rye red dog and pure dark rye flour combined in the proportions obtained in the milling of rye flour and must not contain more than 5 per cent crude fibre.

## VELVET BEAN PRODUCTS

*Velvet bean meal* is ground velvet beans containing only an unavoidable trace of hulls or pods.

*Ground velvet bean and pod* is the product derived by grinding velvet beans "in the pod." It contains no additional pods or other materials.

## WHEAT PRODUCTS

*Wheat bran* is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling.

*Standard middlings* consists mostly of fine particles of bran, germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 9.5 per cent crude fibre.

*Flour middlings* shall consist of standard middlings and red dog flour combined in the proportions obtained in the usual process of milling and must not contain more than 6.0 per cent crude fibre.

*Wheat red dog*, a by-product obtained in the usual commercial process of flour milling, consists principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 4.0 per cent crude fibre.

*Wheat low grade feed flour*, a by-product obtained in the usual commercial process of flour milling, consists principally of flour with small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent crude fibre.

*Wheat bran and standard middlings* consists of the two commodities as defined above, mixed in the proportions obtained in the usual process of commercial milling.

*Hard wheat mixed feed* (mill-run wheat feed) consists of pure wheat bran and flour middlings combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 9.5 per cent crude fibre.

*Brown shorts* (Red Shorts) consists mostly of the fine particles of bran, germ and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 7.5 per cent crude fibre.

*Gray shorts* (Gray Middlings or Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal or fibrous materials obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling and must not contain more than 6.0 per cent crude fibre.

*White shorts or white middlings* consists of a small portion of the fine bran particles and the germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling and must not contain more than 3.5 per cent crude fibre.

*Wheat mixed feed* (Mill-run wheat feed) consists of pure wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 8.5 per cent crude fibre.

*Screenings* consists of the smaller imperfect grains, weed seeds, and other foreign materials, having feed value, separated in cleaning the grain.

*Scourings* consists of such portions of the cuticle, brush, white caps, dust, smut and other materials as are separated from the grain in the usual commercial process of scouring.

(NOTE) If to any of the wheat or rye by-product feeds there should be added screenings or scourings—as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word "Screenings" or "Scourings" as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word "Screenings" appears it is not necessary to show also on the labeling the word "Scourings."

#### MINERAL FEEDS

Mixed feeds containing both feed and more than 5 per cent of mineral ingredients requires, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of lime expressed as  $\text{CaO}$ , phosphoric acid expressed as  $\text{P}_2\text{O}_5$ , iodine (I), and the maximum percentage of salt ( $\text{NaCl}$ ) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

Mineral feeds containing no organic ingredient do not require the usual chemical feed guarantee, but do require a declaration of each ingredient

contained therein and the minimum percentage of lime expressed as  $\text{CaO}$ , phosphoric acid expressed as  $\text{P}_2\text{O}_5$ , iodine (I), and the maximum percentage of salt ( $\text{NaCl}$ ) if same be present.

That the mineral ingredients be stated in the common English terms, if any such terms exist.

It being impossible to classify separately the drug ingredients and the mineral ingredients, be it resolved:

(1) That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds.

(2) That all other preparations which are sold or represented primarily for the cure, mitigation or prevention of disease be classified by this Association as drugs, medicines or specifics.

#### MISCELLANEOUS PRODUCTS

*Dried beet pulp* is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves and sand, and which have been extracted in the process of manufacturing sugar.

*Cocanut oil meal* or "*copra oil meal*" is the ground residue from the extraction of part of the oil from the dried meat of the cocoanut.

*Ivory nut meal* is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut.

*Processed garbage* is composed of animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in and is separated from material such as crockery, glass, or similar material. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife like or needle like particles, and providing further, that the maximum percentage of glass be stated on the label when present in excess of one-fifth of one per cent.

*Palm kernel oil meal* is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis malanococco*.

*Chop* is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals.

*Head chops* consists of the entire head of the grain sorghums chopped, and bears the name of the sorghum from which it is made. This includes, among others, kaffir head chops, milo head chops, feterita head chops and sorghum head crops.

*Head stems* consists of the head of the grain sorghums, from which the grain has been removed, and bears the name of the sorghum from which it is made.

REGISTRATIONS

*For the period January 1, 1931, to December 31, 1931*

One hundred and eighty-four firms and individuals have registered 1,006 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

**E. T. Allen Company, Atlanta, Ga.**

Empire—High Grade Cottonseed Meal

**Allied Mills, Inc., Chicago, Ill.**

Amco Egg Mash  
 Amco 20% Dairy Ration  
 Amco 24% Dairy Ration  
 Amco 12% Fitting Ration  
 Amco Growing Mash with Meat Scraps  
 Amco 20% National Dairy Ration  
 Amco 16½% Sucrene Dairy Ration  
 Amco Super Egg Mash  
 Amco Starting and Growing Mash  
 Arab Horse Feed  
 Brewers' Dried Grains  
 Corn and Oats Provender  
 Emergency 20% Dairy Ration  
 Emergency Hog Feed  
 June Pasture  
 Screened Cracked Corn  
 Sucrene All Mash Poultry Feed  
 Sucrene All Mash Poultry Feed with Cod Liver Oil  
 Sucrene Egg Mash  
 Sucrene Scratch Feed  
 Wayne All Mash Chick Starter  
 Wayne All Mash Chick Starter with Cod Liver Oil  
 Wayne All Mash Grower  
 Wayne All Mash Grower with Cod Liver Oil  
 Wayne Broiler Ration  
 Wayne Calf Meal  
 Wayne Chick Feed  
 Wayne Egg Mash  
 Wayne Egg Mash with Cod Liver Oil  
 Wayne Hog Meal  
 Wayne Intermediate Scratch Feed  
 Wayne Pig Meal  
 Wayne Poultry Fattener  
 Wayne Scratch Feed  
 Wayne Special Scratch Feed  
 Wayne 20% Sucrene Dairy Feed  
 Wayne Supreme Horse Feed  
 Wayne Turkey Mash

**American Maize-Products Co., 100 E. 42nd St., New York City.**

Cream of Corn Gluten Feed

**Apothecaries Hall Co., Waterbury, Conn.**

Liberty Cooked Meat Scrap for Poultry 45%  
 Liberty Cooked Meat Scrap for Poultry 60%

**Arcady Farms Milling Co., 223 W. Jackson Blvd., Chicago, Ill.**

Advanced Registry Dairy Feed  
Arcady Besbet Growing Mash  
Arcady Besbet Laying Mash  
Arcady Scratch Grains  
Milkers Ready Ration  
Old Colony Feed  
Peerless Milk Ration  
Sweet 16 Dairy Feed  
Wonder Complete Broiler Ration  
Wonder Dairy Ration  
Wonder Horse and Mule Feed  
Wonder Sweet Lasses Feed

**Archer-Daniels-Midland Co., Minneapolis, Minn.**

Pure Old Process Linseed Meal 32%  
Pure Old Process Linseed Meal 34%

**Ashcraft-Wilkinson Co., Atlanta, Ga.**

Helmet Brand Prime Cottonseed Meal  
Monarch Brand Prime Cottonseed Meal  
Paramount Brand Prime Cottonseed Meal

**E. R. Bacon Grain Co., 205 Grain & Flour Exchange, Boston, Mass.**

Bacon's Gluten Feed

**E. W. Bailey & Co., Montpelier, Vt.**

Bailey's Fitting Ration  
Bailey's Open Formula 20% Dairy Feed  
Bailey's Open Formula 24% Dairy Feed  
Capital Dairy Ration  
Capital Mixed Feed  
Favorite Dairy Ration  
"Our Own" Dairy Ration  
"Our Own" Dairy Ration, Sweetened  
Pennant Brand Laying Mash  
Pennant Brand Stock Feed  
Pennant Horse Feed  
Pennant Scratch Feed  
Sweetened Bailey's Fitting Ration  
Sweetened Capital Dairy Ration  
Sweetened Favorite Dairy Ration  
Sweetened with Molasses Pennant Brand Stock Feed

**Bay State Milling Co., Winona, Minn.**

Wingold Diamond G Pure Hard Wheat Reddog  
Wingold Rye Middlings and Rye Screenings  
Wingold Standard Hard Wheat Middlings and Wheat Screenings

**Beacon Milling Co., Inc., Cayuga, N. Y.**

Auburn Dairy Feed  
Beacon Breeders Mash with Buttermilk  
Beacon Broiler Feed  
Beacon Calf Meal  
Beacon's Cayuga Developer Feed  
Beacon's Cayuga Growing Mash  
Beacon's Cayuga Horse Feed  
Beacon's Cayuga Laying Mash with Buttermilk

**Beacon Milling Co., Inc., Cayuga, N. Y.—(Continued)**

Beacon's Cayuga Scratch Feed  
 Beacon Chick Feed  
 Beacon Complete Starting Ration  
 Beacon Dairy Ration  
 Beacon Developer Feed  
 Beacon Duck Breeders Mash  
 Beacon Duck Growing Mash  
 Beacon Duck Starter  
 Beacon Egg Mash with Buttermilk  
 Beacon Fitting Ration  
 Beacon Growing Mash  
 Beacon Fleshing Mash and Crate Fattener  
 Beacon Hog Feed  
 Beacon Horse Feed  
 Beacon Scratch Grains  
 Beacon Special Coccidiosis Mash  
 Beacon Special Scratch Grains  
 Beacon Sweet '24'  
 Beacon '32'  
 Beacon '20'  
 Beacon Turkey Growing Feed  
 Cayuga Stock Feed  
 Corn and Oat Chop

**Ira W. Beers, Hamden, Conn.**

Beer's Laying Mash  
 Beer's Scratch Feed

**Black Rock Milling Corp., 356 Hertel Ave., Buffalo, N. Y.**

Bidwell 20% Dairy Ration  
 Bidwell 24% Dairy Ration  
 Bidwell Dry-Mash  
 Bidwell Scratch Feed

**Blatchford Calf Meal Co., Waukegan, Ill.**

Blatchford's Calf Meal

**Borden Sales Co., Inc., 350 Madison Ave., New York City.**

Borden's Anilac

**A. D. Bridge's Sons, Inc., Hazardville, Conn.**

Success Dairy Ration

**Bristol Grain & Supply Co., Bristol, Conn.**

Bristol Laying Mash  
 Bristol Scratch

**F. W. Brode Corp., Memphis, Tenn.**

Owl Brand 41% Prime Cottonseed Meal

**L. Broder Grain Store, Colchester, Conn.**

L. B. Milk Ration

**Brooklawn Feed Co., Bridgeport, Conn.**

Brooklawn Special Scratch Feed (See Delaware Mills, Inc.)

**Brown & Bailey Condensed Milk Co., Nevins & Butler Sts., Brooklyn, N. Y.**

Betsy-B Brand Powdered Skim Milk

**C. Buckingham & Co., Southport, Conn.**

C. B. Dairy  
C. B. Egg Mash  
C. B. Growing Mash  
C. B. Scratch Feed  
C. B. Starter

**C. E. Buell, Inc., 131 State St., Boston, Mass.**

"Buell-Boston" Dried Skim Milk

**C. W. Burckhalter, Inc., 119 Broad St., New York City.**

Burck-Brand Dried Buttermilk  
Burck-Brand Powdered Skim Milk

**Caledonia Mills, Inc., St. Johnsbury, Vt.**

Brooks' Fancy Mixed Feed

**C. W. Campbell Co., Westerly, R. I.**

Camco Horse Feed  
Campbell Fitting Ration  
Egg-O Chick Feed  
Egg-O Chick Starter  
Egg-O Growing  
Egg-O Intermediate  
Egg-O Mash  
Egg-O Scratch  
Milky Ration  
No-Botheration Dairy Ration  
Xtra Vim Molasses Horse Feed

**Canada Linseed Oil Mills, Ltd., Montreal & Toronto, Canada.**

"Maple Leaf" 35.00 Linseed Oil-cake Meal

**Chapin & Co., Hammond, Ind.**

Ajax Egg Mash  
Ajax Dairy Ration 24%  
Ajax Horse Feed  
Ajax Scratch Feed  
Chapin Kernels Grow-All  
Chapin Kernels Lay-All  
Chapin Kernels Start-All  
Unicorn Dairy Ration 20%  
Unicorn Dairy Ration 24%  
Unicorn Scratch Feed

**Clinton Corn Syrup Refining Co., Clinton, Iowa.**

Clinton Corn Gluten Feed

**Coles Co., Middletown, Conn.**

Capital 20% Molasses Dairy Feed  
Fortune Egg Mash with Dried Buttermilk  
Fortune Growing Feed  
Fortune Intermediate Scratch  
Fortune Scratch Feed  
Selco 24% Molasses Dairy Feed

**Collis Products Co., 201 Custer St., St. Paul, Minn.**

Collis Process Pure Dried Buttermilk



**Commander-Larrabee Co., Minneapolis, Minn.**  
Sunfed Wheat Standard Middlings

**Commander Milling Co., Minneapolis, Minn.**  
Commander Wheat Bran

**G. E. Conkey Co., Cleveland, Ohio.**

Conkey's All Grain Horse and Mule Feed  
Conkey's All Mash Chick Ration with Y-O  
Conkey's Chick Grains  
Conkey's Dairy Feed 24% Protein  
Conkey's Gecco Chick Grains  
Conkey's Gecco Dairy Feed 20% Protein  
Conkey's Gecco Egg Mash  
Conkey's Gecco Egg Mash with Y-O  
Conkey's Gecco Growing Grains  
Conkey's Gecco Growing Mash  
Conkey's Gecco Growing Mash with Buttermilk and Y-O  
Conkey's Gecco Scratch Grains  
Conkey's Geccofat Station Fattener  
Conkey's Growing Grains  
Conkey's Horse Feed with Alfalfa and Molasses  
Conkey's Red Seal Dairy Feed 16% Protein  
Conkey's Red Seal Laying Mash  
Conkey's Red Seal Scratch Grains  
Conkey's Scratch Grains  
Conkey's (The Original) Starting Feed with Buttermilk and Y-O  
Superior Scratch Grains

**Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn.**  
The Conn. Fat Rend. & Fertz. Corp. Meat Scrap

**Consolidated By-Product Co., 30th and Race Sts., Philadelphia, Pa.**  
Consolidated Beef & Bone Scrap

**Consolidated Feed & Grain Company, Inc., 910-916 Chamber of Commerce Bldg., Buffalo, N. Y.**  
Bison Dried Skimmilk

**Consolidated Products Co., 2400 Lake Park Ave., Chicago, Ill.**  
Pure Dried Buttermilk  
Pure Dried Skim Milk

**Consolidated Rendering Co., Boston, Mass.**  
Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry

**Copeland Flour Mills, Ltd., Midland, Ontario, Canada.**  
Copeland's Dandy Bran  
Copeland's Dandy Shorts

**Corn Products Refining Co., 17 Battery Place, New York City.**  
Buffalo Corn Gluten Feed  
Diamond Corn Gluten Meal

**C. A. Cowles, Plantsville, Conn.**  
C. A. Blue Seal Mash  
C. A. Cowles' 20% Dairy Ration  
Cowles' 24% Dairy Ration  
Cowles' Scratch Feed

**Chas. M. Cox Co., Boston, Mass.**

Argentine Wheat Bran  
Argentine Wheat Standard Middlings  
Lake Woods Wheat Bran  
Lake Woods Shorts  
Pioneer Wheat Bran  
Pioneer Wheat Shorts, (Western Canada Flour Mills, Ltd., Toronto, Ont.)  
Sherwin-Williams Screwpress Linseed Oil Cake Meal, (Sherwin-Williams Co. Ltd., Canada)

**Crosby Milling Co., Brattleboro, Vt.**

Crosby's Balanced 25 Ration  
Crosby's Egg Mash  
Crosby's Growing Feed  
Crosby's Mixed Feed  
Crosby's Ready Ration  
Crosby's Scratch Feed  
Crosby's Stock Feed  
Crosby's Sweetened Ready Ration  
Crosby's 22% Dairy Feed

**P. Cutler, Inc., Colchester, Conn.**

Prosperity Dairy Ration  
Prosperity Laying Mash  
Prosperity Scratch Feed  
Prosperity Special Dairy Feed  
Prosperity Stock Feed

**Dairymen's League Co-Operative Association, Inc., 11 West 42nd St., New York City.**

Dairylea Dried Skim Milk

**R. G. Davis & Sons, Inc., New Haven, Conn.**

Basic Dairy Ration  
Davis Buttermilk Mash  
Davis Horse Feed  
Davis #1 Provender  
Davis Scratch Feed  
Davis Stock Feed  
20% Open Formula

**Decatur Milling Co., Decatur, Ill.**

Homco Brand Hominy Feed

**Delaware Mills, Inc., Deposit, N. Y.**

Brooklawn Special Scratch Feed  
Delaware Broiler Mash  
Delaware Chick Grains  
Delaware Dairy Feed  
Delaware Growing Mash (with Dried Milk)  
Delaware Stock Feed  
Delaware Sweet 24% Dairy Feed  
Delco 20% Dairy Feed  
Double Circle Scratch Grains  
Indian Laying Mash (with Dried Milk)  
New York Feed & Grain Special Dairy Feed

**Denver Alfalfa Milling & Products Co., Lamar, Colo.**

Alfalfa Leaf Meal  
Alfalfa Meal

**Dewey Bros. Co., Blanchester, Ohio.**

Corn 3D (Dewey's Distillers Dried) Grains

**Dietrich & Gambrill, Inc., Frederick, Md.**

Canton Scratch Feed  
Corn and Oats Chop  
Frederick Growing Mash  
Frederick Laying Mash  
Gambrill's A. I. Dairy  
Gambrill's Chick Feed  
Gambrill's Chick Starter  
Gambrill's Developing Scratch Feed  
Gambrill's Growing Mash  
Gambrill's Horse Feed  
Gambrill's Laying Mash  
Gambrill's Scratch Feed  
Gambrill's Stock Feed  
Pen Mar Dairy Feed

**Dominion Flour Mills, Ltd., Montreal, Canada.**

Dominion Shorts

**Dry Milk Company, Inc., 205 E. 42nd St., New York City**

Chikora Pure Skim Milk

**Arthur G. Dunn, 82 Wall St., New York City.**

Argentine Wheat Bran  
Argentine Wheat Middlings

**Early & Daniel Co., Inc., Cincinnati, Ohio.**

Tuxedo Soy Bean Oil Meal

**Eastern Cotton Oil Co., 600 Board of Trade Bldg., Norfolk, Va.**

Eastern Fish Meal

**Eastern Grain Co., Bridgewater, Mass.**

Pure Dried Skim Milk Powder

**Eastern States Farmers' Exchange, Springfield, Mass.**

Eastern States Broiler Ration  
Eastern States Broiler Ration with Cod Liver Oil  
Eastern States Calf Ration<sup>1</sup>  
Eastern States Developer  
Eastern States Developer with Cod Liver Oil  
Eastern States Egg Mash  
Eastern States Fitting Ration  
Eastern States Fulpal Dairy Ration  
Eastern States Highland 12  
Eastern States Highland 20  
Eastern States Horse Feed<sup>1</sup>  
Eastern States Milk Egg Mash with Cod Liver Oil

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<sup>1</sup>Eastern States Horse Feed and Eastern States Calf Ration were later combined in one formula.

**Eastern States Farmers' Exchange, Springfield, Mass.—(Continued)**

Eastern States Milkmore Dairy Ration  
Eastern States Pure Ground Corn and Oats  $\frac{1}{2}$  and  $\frac{1}{2}$  by weight  
Eastern States Scratch Grains with Coarse Cracked Corn  
Eastern States Sixteen Dairy Ration  
Eastern States Starting and Growing Mash with Cod Liver Oil  
Eastern States Turkey Grow  
Eastern States Turkey Start

**B. A. Eckhart Milling Co., 1300 Carroll Ave., Chicago, Ill.**

Standard Wheat Middlings and Screenings  
Wheat Bran and Screenings

**S. T. Edwards & Co., Inc., 110 North Franklin St., Chicago, Ill.**

Butterfly Dried Skimmed Milk (for animal and poultry feed)  
Yankee Dried Buttermilk (for animal and poultry feed)

**Elmore Milling Co., Inc., Oneonta, N. Y.**

Economilk Dairy Feed  
Elmore Chick Feed  
Elmore Chixsaver  
Elmore Egg Mash  
Elmore Fitting Ration  
Elmore Growing Mash  
Elmore's Hog Ration  
Elmore Horse Feed with Molasses  
Elmore (Storrs' Formula) Laying Mash  
Elmore's Makemgrow Little Pig Ration  
Elmore Milk Grains  
Elmore Milk Grains, Junior  
Elmore Pure Ground Corn and Oats  
Elmore Scratch Feed  
Elmore Snow Middlings  
Elmore Stock Feed  
Elmore's Sugared Feedall  
Elmore's Super Silage  
Elmore Sweet Digesto Dairy Feed  
Elmore "Three Point" Calf Meal  
Emco Feed  
Granger Ration  
Otsego Economy Ration  
Elmore-Waldorf Formula  
Elmore's "Xtragood" Wheat Feed

**John W. Eshelman & Sons, Lancaster, Pa.**

Dried Beet Pulp  
Eshelman Certified 20% Dairy Ration  
Eshelman Certified 24% Dairy Ration  
Eshelman Certified Fitting Ration  
Eshelman Certified Laying Mash  
Eshelman Challenge Dairy Feed  
Eshelman Choice Mixed Wheat Feed  
Eshelman Conestoga 20 Dairy Feed  
Eshelman Golden Rod 25 Dairy Feed  
Eshelman Imperial Scratch Feed  
Eshelman Lancaster 20 Dairy Feed  
Eshelman Lancaster 60 Horse Feed  
Eshelman Lancaster Scratch Feed

**John W. Eshelman & Sons, Lancaster, Pa.—(Continued)**

Eshelman Liberty Horse Feed  
 Eshelman Open Formula 20 Dairy Feed  
 Eshelman's Pennsy 16 Dairy Feed  
 Eshelman Pennsy Scratch Feed  
 Eshelman Red Rose Calf Starter  
 Eshelman Red Rose Chick Feed  
 Eshelman Red Rose Chick Starter  
 Eshelman Red Rose 24 Dairy Feed  
 Eshelman Red Rose Fattening Mash  
 Eshelman Red Rose Growing Mash  
 Eshelman Red Rose Hog Meal  
 Eshelman Red Rose 85 Horse Feed  
 Eshelman Red Rose Laying Mash  
 Eshelman Red Rose Pure Ground Corn and Oats  
 Eshelman Red Rose Scratch Feed  
 Eshelman Red Rose Stock Feed  
 Eshelman S-O-S  
 Eshelman Steamed-Cooked Horse Feed  
 Eshelman Wheat Flour Middlings  
 Eshelman Wheat Red Dog

**Evans Milling Co., Indianapolis, Ind.**

Emco Hominy Feed

**Fairfield Western Maryland Dairy, Baltimore, Md.**

Feed-O-Lac  
 Skim Milk Powder

**Fairmont Creamery Co., Omaha, Neb.**

Fairmont's Better Pure Flake Buttermilk

**Farmers' Feed Co., 532 East 76th St., New York City.**

"Bull Brand" Dried Brewers Grains

**Flory Milling Co., Inc., Bangor, Pa.**

Blue Mountain Horse Feed  
 Butterfat Dairy Feed  
 Cream-O-Milk Dairy Feed  
 Flory's All Mash Starting and Growing Ration  
 Flory's Baby Chick Feed  
 Flory's Certified Fitting Ration  
 Flory's Chick Starter  
 Flory's Dairy Feed  
 Flory's Egg Mash  
 Flory's Growing Mash  
 Flory's Horse Feed  
 Flory's Intermediate Chick Feed  
 Flory's Scratch Feed  
 Golden Egg Laying Mash  
 Golden Egg Scratch Feed  
 Record Dairy Feed  
 Record Stock Feed  
 Sunray Scratch Feed

**F. A. Forbes, East Haven, Conn.**

R-Own Dairy Ration  
 R-Own Mash  
 R-Own Scratch Feed

**J. A. Forrest, 819 Security Bldg., Minneapolis, Minn.**

Alpine Ground Feeding Oatmeal

**Fort Schuyler Farms, Inc., 49 Franklin Square, Utica, N. Y.**

Fort Schuyler Farms Superior Quality Powdered Skim Milk

**R. T. Friend, Lafayette, Ind.**

Dry Skimmilk

**L. T. Frisbie Co., New Haven, Conn.**

Frisbie's Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry

Frisbie's Poultry Feed 45%

Frisbie's Poultry Feed 50%

Frisbie's Poultry Feed 55%

**J. B. Garland & Son, 15 Grafton St., Worcester, Mass.**

Garland's Growing Mash

Garland's Poultry Mash

Royal Worcester Complete Ration

Royal Worcester Scratch Feed

**General Mills, Inc., Minneapolis, Minn.**

Eventually Gold Medal Chick Feed—No Grit

Eventually Gold Medal Chick Ration

Eventually Gold Medal Dairy Ration

Eventually Gold Medal Developing Feed—No Grit

Eventually Gold Medal Egg Mash for Breeding and Laying

Eventually Gold Medal Growing Mash

Eventually Gold Medal Pig and Hog Meal

Eventually Gold Medal Scratch Feed—No Grit

Washburn's Gold Medal Fancy Mixed Feed

Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings

Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings

Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings

Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog

**Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.**

Gorton's Codfish Meal

**D. H. Grandin Milling Co., Jamestown, N. Y.**

Grandin's Baby Chick Feed

Grandin's Baby Chick Starter with Buttermilk

Grandin's Baby Chick Starter with Buttermilk-Cod Liver Oil

Grandin's Complete Starting Ration with Buttermilk-Cod Liver Oil

Grandin's Growing Mash with Buttermilk

Grandin's Growing Mash with Buttermilk-Cod Liver Oil

Grandin's Intermediate Chick Feed

Grandin's Laying Mash with Buttermilk

Grandin's Screened Scratch Feed

Grandin's Stock Food

Grandin's Sweetened 20% Dairy Feed

Grandin's Sweetened 24% Dairy Feed

Grandin's Sweetened Horse Feed

M-S (Money-Saver) 20% Sweet Dairy Feed

M-S (Money Saver) 24% Sweet Dairy Feed

**Great Atlantic & Pacific Tea Co., 504 Hodgson Bldg., Minneapolis, Minn.**

Daily Egg Mash Feed  
Daily Egg Scratch Feed

**Hales & Hunter Co., 166 W. Jackson Blvd., Chicago, Ill.**

College Horse Feed  
H. & H. Sugared Stock Feed  
Red Comb Chick Starter with Dried Buttermilk  
Red Comb Duck Grower  
Red Comb Duck Starter with Dried Buttermilk  
Red Comb Egg Mash with Dried Buttermilk  
Red Comb Growing Mash with Dried Buttermilk  
Red Comb Scratch Feed, No Grit

**Frank B. Ham & Co., Ltd., Toronto, Canada.**

Hamco Wheat Bran  
Hamco Wheat Shorts

**William Hamilton & Son, Inc., Caledonia, Livingston County, N. Y.**

Wheat Bran with Ground Screenings  
Wheat Middlings

**Hecker-H-O Co., Inc., Buffalo, N. Y.**

Oat Mill Feed

**Hecker-Jones-Jewell Milling Co., 503 Seneca St., Buffalo, N. Y.**

Choice Wheat Bran  
Red Dog Flour  
Wheat Standard Middlings

**Hershey Creamery Co., Harrisburg, Pa.**

"Chick-O-Lac"  
"Hershey's Superior" Powdered Skim Milk

**Hubinger Co., Keokuk, Iowa**

Ke OK uk Corn Gluten Feed

**Humphreys-Godwin Co., Memphis, Tenn.**

Bull Brand Cottonseed Meal  
Danish Brand Cottonseed Feed  
Dixie Brand Cottonseed Meal

**Imperial Grain & Milling Co., Toledo, Ohio.**

Imperial Steam Cooked Feed

**International Milling Co., Minneapolis, Minn.**

Blackhawk Pure Wheat Bran  
Blackhawk Wheat Flour Middlings  
Blackhawk Wheat Red Dog  
Blackhawk Wheat Standard Middlings

**Henry James & Sons, Inc., 20 Stockbridge St., Springfield, Mass.**

Cooked Meat and Bone Scrap  
Special Cooked Meat and Bone Scraps

**Jersee Co., Minneapolis, Minn.**

Just Right Chick Starter  
Just Right Egg Mash  
Just Right Growing Mash

**Kansas Flour Mills Corp., 1000 New York Life Bldg., Kansas City, Mo.**  
Big Flake Pure Wheat Bran

**Kellogg Co., Battle Creek, Michigan.**  
White Hominy Feed

**Spencer Kellogg & Sons, Inc., Buffalo, N. Y.**  
Kellogg's 37% Protein Pure Old Process Linseed Meal

**Kelloggs & Miller, Inc., Amsterdam, N. Y.**  
"K & M" Brand Pure Old Process Linseed Oil Meal

**Kent Dairy Products Corp., Inc., West Plains, Mo.**  
Kent Dairy Products Corporation Skim Milk Powder

**H. H. King Flour Mills Co., Minneapolis, Minn.**  
"Gold Mine" Feed

**Kraft-Phenix Cheese Corp., 400 Rush St., Chicago, Ill.**  
Milk Sugar Feed (Kraco)

**Charles A. Krause Milling Co., Milwaukee, Wis.**  
A-Beet-O Dairy Ration  
Badger White Hominy Feed  
Sweet Cud Dairy Ration

**A. S. Labieniec, Kensington, Conn.**  
Reliable 20 Dairy Feed  
Reliable Laying Mash

**Laden Bros. Co., Inc., Wallingford, Conn.**  
Laden's Baby Chick Starter  
Laden's Dairy Feed  
Laden's Growing Mash  
Laden's Laying Mash

**Lamar Alfalfa Milling Co., Lamar, Colo.**  
Alfalfa Leaf Meal

**Land O'Lakes Creameries, Inc., Minneapolis, Minn.**  
Dried Buttermilk  
Dried Skimmilk

**Larabee Flour Mills Co., Kansas City, Mo.**  
Pure Winter Wheat Bran  
Winter Wheat Bran with Ground Wheat Screenings

**Larrowe Milling Co., Box 68 North End Station, Detroit, Mich.**  
Dried Beet Pulp  
Dried Molasses-Beet Pulp  
Imported Dried Beet Pulp  
Larro Broiler Feed  
Larro Chick Grains  
Larro Chick Starter  
Larro Egg Mash  
Larro Growing Grains  
Larro Growing Mash  
Larro Hog Feed



**Larrowe Milling Co., Box 68 North End Station, Detroit, Mich.**

(Continued)

Larro Poultry Fattening Feed  
 41% Protein Cottonseed Meal Prime Quality  
 43% Protein Cottonseed Meal Choice Quality  
 Larro Scratch Grains  
 Larro (The Ready Ration for Dairy Cows)  
 Larro Turkey and Game Bird Adult Mash  
 Larro Turkey and Game Bird Developer  
 Larro Turkey and Game Bird Starter

**Lincoln Farm Products Corp., 407 E. 31st St., New York City.**

Farm Brand Meat Scraps  
 Farm Brand Meat and Bone Scrap

**C. W. Lines Co., 173 Chestnut St., New Britain, Conn.**

Homestead Dry Mash  
 Homestead Scratch Feed  
 Mill Pride Dairy Ration  
 Mill Pride Fancy Scratch Feed  
 Mill Pride Milk Mash

**Lister Food Co., Inc., Delhi, N. Y.**

Pure Dried Skimmilk Powder

**Litchfield County Cooperative Association, Torrington, Conn.**

Common Sense Dairy  
 Common Sense Growing Mash  
 Common Sense Laying Mash

**Long Hill Feed Store, Long Hill, Conn.**

Square Deal Dairy Ration  
 Square Deal Buttermilk Laying Mash

**L. B. Lovitt & Co., Memphis, Tenn.**

"Lovit Brand" 36% Cottonseed Meal  
 "Lovit Brand" 41% Cottonseed Meal  
 "Lovit Brand" 43% Cottonseed Meal

**E. Manchester & Sons, Winsted, Conn.**

Huntington Red Star Egg Mash  
 Red Star Dairy Feed  
 Red Star Egg Mash  
 Red Star Flour Middlings  
 Red Star Mixed Feed  
 Red Star Scratch Feed  
 Red Star Starting Mash  
 Red Star Sweet Sixteen  
 Special Dairy Feed

**The Mann Bros. Co., Buffalo, N. Y.**

The Mann Bros. Co. 34% Protein Pure Old Process Linseed Meal

**Maritime Milling Co., Inc., 1109 Chamber of Commerce, Buffalo, N. Y.**

B-B Daisy Chick Feed  
 B-B Daisy Egg Mash with Dried Buttermilk  
 B-B Daisy Horse Feed with Alfalfa and Molasses  
 B-B Daisy Scratch Feed

**Maritime Milling Co., Inc., 1109 Chamber of Commerce, Buffalo, N. Y.***(Continued)*

B-B Egg Red-E Mixt Mash with Dried Buttermilk  
B-B Hi-Test Dairy Feed 20%, Sweetened  
B-B Hi-Test Dairy Feed 24%, Sweetened  
B-B Hi-Test Stock Feed, Sweetened  
B-B Marmico 16% Dairy Feed with Molasses  
B-B Meadow Sweet Supplemental Dairy Feed with Molasses  
B-B (Bull Brand) Calf Meal  
B-B (Bull Brand) Heavy Mixed Feed  
B-B (Bull Brand) Wheat Flour Middlings  
Bull Brand Chick Feed  
Bull Brand Dairy Ration  
Bull Brand "20" Dairy Ration, Sweetened  
Bull Brand "24" Dairy Ration, Sweetened  
Bull Brand Developing Feed  
Bull Brand Horse Feed with Alfalfa and Molasses  
Bull Brand Laying Mash with Dried Buttermilk  
Bull Brand Scratch Feed  
Bull Brand Stock Feed  
Farmer's B-B Mixing Feed, Sweetened  
Red Dog B-B Wheat Flour  
Vitamized B-B Daisy Egg Mash with Dried Buttermilk and Cod Liver Oil  
Vitamized B-B Red-E-Mixt Egg Mash with Dried Buttermilk and Cod Liver Oil  
Vitamized Bull Brand All Mash Broiler and Growing Ration  
Vitamized Bull Brand All Mash Chick Starter Ration  
Vitamized Bull Brand Chick Starter with Cod Liver Oil and Dried Buttermilk  
Vitamized Bull Brand Growing Mash

**C. J. Martenis Grain Co., L-3 Produce Exchange, New York City.**

Alco Dried Brewers Grains  
Argentine Wheat Bran  
Brazilian Wheat Bran  
Dried Beet Pulp (Baltic Feed)

**Meador Milling Co., Inc., Hoboken, N. J.**

Arrowhead Horse Feed  
Purifine Linseed Oil Meal

**Meech & Stoddard, Inc., 75 North Main St., Middletown, Conn.**

Red Wing Dairy Ration with Brewers Grains  
Red Wing Mixed Feed  
Red Wing Molasses Horse Feed  
Red Wing Scratch Feed  
Red Wing Special Buttermilk Chick Starter  
Red Wing Special Buttermilk Growing Feed  
Red Wing Special Buttermilk Laying Mash  
Red Wing Special Chick Feed  
Red Wing Special Dairy Ration with Brewers Grains  
Red Wing Special Intermediate Chick Feed  
Red Wing Special Scratch Feed  
Red Wing Special Stock Feed  
Red Wing Stock Feed

**Mennel Milling Co., Toledo, Ohio.**

Mennel's Scratch Grains for Poultry—No Grit  
 Memo All Mash Ration  
 Memo Egg Mash  
 Memo 16% Dairy Feed  
 Memo 20% Dairy Feed  
 Memo 16% Sweet Dairy Feed  
 Memo 22% Sweet Dairy Feed  
 Memo 24% Sweet Dairy Feed  
 Memo 85% Grain Horse Feed (with molasses)  
 Memo Pure Hard Wheat Bran  
 Memo Soft Wheat Flour Middlings

**Miller Cereal Mills, Omaha, Neb.**

Hominy Feed

**Milmine-Bodman & Co., Inc., 115 Produce Exchange, New York City**

Dried Beet Pulp

**Miner-Hillard Milling Co., Wilkes-Barre, Pa.**

No. 1 Scratch Feed  
 Rye Middlings  
 "1795" Steam Cooked Corn and Oats  
 Steam Cooked Hominy Feed

**Geo. Q. Moon & Co., Inc., 201 Chenango St., Binghamton, N. Y.**

Moon's Baby Chick Grains  
 Moon's Baby Chick Starter Mash  
 Moon's 20% Dairy Feed with Molasses  
 Moon's 24% Dairy Ration  
 Moon's X Dairy Ration  
 Moon's Developing Grains  
 Moon's Fresh Ground Mixed Feed  
 Moon's Fresh Ground White Middlings  
 Moon's Growing Mash  
 Moon's Hominy Feed  
 Moon's Laying Mash with Dried Buttermilk  
 Moon's Scratch Feed  
 Moon's Special A Laying Mash with Dried Buttermilk  
 Moon's Stock Feed  
 Moon's Wheat Bran

**Moran-Patton Co., 234 Cedar St., New Haven, Conn.**

C-B Mash

**Fred C. Morse & Son, Guilford, Conn.**

Old Mill 20% Dairy Feed  
 Old Mill Dairy Feed 24%  
 Old Mill Fitting Feed  
 Old Mill Growing Mash  
 Old Mill Horse Feed  
 Old Mill Laying Mash  
 Old Mill Laying Mash with Milk  
 Old Mill Provender  
 Old Mill Scratch Feed  
 Old Mill Starting and Growing Mash

**James F. Morse & Co., Ward & Horace Sts., Somerville, Mass.**  
Morse's Meat Scraps

**Mt. Vernon Milling Co., Mt. Vernon, Ind.**  
Poco Hominy Feed

**National Feed Co., 311 Merchants Exchange, St. Louis, Mo.**  
Hominy Feed

**National Milling Co., Toledo, Ohio**  
Namico

**New England By-Products Corp., 20 West St., Lawrence, Mass.**  
Blue Seal Meat Scraps 50%

**Niagara Falls Milling Co., Lockport, N. Y.**  
Choice Wheat Red Dog  
Niagara Standard Wheat Bran  
Niagara Standard Wheat Midds

**Northwestern Consolidated Milling Co., Minneapolis, Minn.**  
Planet Feed  
Pure Wheat Bran  
Wheat Flour Middlings N. E. M. R.  
Wheat Mixed Feed N. E. M. R.  
Wheat Standard Middlings N. E. M. R.  
XXX Comet

**Nowak Milling Corp., Hammond, Ind.**  
Domino Egg Pel-ets  
Domino 24½% Dairy Feed  
Domino Developing Feed  
Domino Laying Mash with Buttermilk  
Domino Scratch Feed  
Domino Vim-O-Lene Horse Feed  
Fidelity Stock Feed  
Marathon Chick Feed  
Marathon Dairy Feed

**Ogilvie Flour Mills Co., Ltd., Montreal, Canada.**  
Ogilvie's Wheat Bran  
Ogilvie's Wheat Shorts

**Ontario Milling Co., Inc., Oswego, N. Y.**  
Aunt Mary's Chick Starting Mash with Dried Buttermilk and Cod Liver Oil  
Aunt Mary's Coarse Chick Grains  
Aunt Mary's Egg Mash with Dried Buttermilk  
Aunt Mary's Egg Mash with Dried Buttermilk and Cod Liver Oil  
Aunt Mary's Fine Chick Grains  
Aunt Mary's Growing Mash with Dried Buttermilk  
Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil  
Aunt Mary's Scratch Feed  
Big Value Dairy Feed  
Big Value 16% Dairy Feed with Molasses  
Big Value 20% Dairy Feed with Molasses  
Butterfat Dairy Feed with Molasses

**Ontario Milling Co., Inc., Oswego, N. Y.—(Continued)**

Ontario Heavy Mixed Feed  
 Onto Horse Feed with Molasses  
 Oswego 20% Dairy Feed with Molasses  
 Oswego Egg Mash with Dried Buttermilk  
 Oswego Fine Chick Grains  
 Oswego Scratch Feed  
 Sunshine Scratch Feed  
 Uncle John's 24% Cream Pot Ration  
 Uncle John's Stock Feed  
 Uncle John's Stock Feed with Molasses

**S. V. Osborn Estate, Branford, Conn.**

Osborn Mash  
 Osborn Provender  
 Osborn Scratch

**Park & Pollard Co., Inc., Buffalo, N. Y.**

All-In-One Starting Feed  
 Bet-R-Milk 20% Ration  
 Bison Stock Feed, Sweetened  
 Chelsea Horse Feed  
 Claco Dairy Ration  
 Corn and Oats  $\frac{1}{2}$  and  $\frac{1}{2}$   
 Feed Meal  
 Fitting Ration  
 Go Tu It Pig and Hog Ration  
 Growing Feed  
 Growing Feed with Cod Liver Oil  
 Herdhealth 16% Ration  
 Holcomb's Sweetened 20% Dairy Ration  
 Intermediate Chick Feed  
 Lay or Bust Dry-Mash  
 Lay or Bust Dry-Mash with Cod Liver Oil  
 Milkade Calf Meal  
 Milk-Maid 24% Sweetened Dairy Ration  
 Overall 24% Dairy Ration  
 Park & Pollard Broiler Ration  
 Park & Pollard Chick Scratch  
 Park & Pollard Chick Starter  
 Park & Pollard Heavy Wheat Mixed Feed  
 Park & Pollard Horse Feed  
 Park & Pollard Light Wheat Mixed Feed with Screenings  
 Park & Pollard Stock Feed  
 Park & Pollard Turkey Grower  
 Park & Pollard Turkey Starter  
 Red Ribbon Chick Feed  
 Red Ribbon Scratch Feed  
 Special 20% Dairy Ration  
 Top Notch 16% Ration  
 Wheat Flour Middlings

**Patent Cereals Co., Geneva, N. Y.**

Hominy Feed

**Pecos Valley Alfalfa Mill Co., Hagerman, N. Mex.**

Alfalfa Stem Meal  
 Peevee Alfalfa Meal

**Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa**

Douglas Corn Gluten Feed  
Sweetened Douglas Corn Gluten Feed

**Pillsbury Flour Mills Co., Minneapolis, Minn.**

Palisade Scratch Feed  
Pillsbury's Dairy Ration 20%  
Pillsbury's Durum Wheat Bran and Screenings  
Pillsbury's Fancy Mixed Feed and Screenings  
Pillsbury's Hard Wheat A Middlings and Screenings  
Pillsbury's Hard Wheat Standard B Middlings and Screenings  
Pillsbury's Hard Wheat Bran and Screenings  
Pillsbury's Rye Middlings and Screenings  
Pillsbury's Wheat Bran and Screenings  
Pillsbury's Wheat Gray Shorts  
Pillsbury's XX Daisy

**Pittsburgh Plate Glass Co., 2-10 Chester Ave., Newark, N. J.**

Red Wing Linseed Meal

**Frank S. Platt Co., 450 State St., New Haven, Conn.**

Platco Laying Mash  
Platco Perfection Grain Mixture

**Postum Co., Inc., Battle Creek, Mich.**

Burt's Dairy Feed  
Burt's Hominy Feed

**Pratt Food Co., Hammond, Ind.**

Oat Feed (Buffalo Mills)  
Pratt's All Mash Starter and Grower with Buttermilk  
Pratt's Baby Chick Food with Buttermilk  
Pratt's Broiler Mash with Buttermilk  
Pratt's Chick Scratch Feed  
Pratt's Circle A Chick Scratch Feed  
Pratt's Circle A Large Scratch Feed  
Pratt's Growing Mash with Buttermilk  
Pratt's Horse Feed  
Pratt's Horse Feed with Alfalfa  
Pratt's Intermediate Scratch Feed  
Pratt's Large Scratch Feed  
Pratt's Laying Mash with Buttermilk  
Pratt's Sugared Stock Feed  
Pratt's Sweet 20% Dairy Feed  
Pratt's Sweet 24% Dairy Feed  
Pratt's Utility Horse Feed  
Pratt's White Hominy Feed (Buffalo Mills)

**Charles W. Priddy & Co., Inc., Norfolk, Va.**

"The Best" Fish Meal

**H. C. Puffer Co., 194 Lyman St., Springfield, Mass.**

Egg-Em-On Growing Feed  
Egg-Em-On Laying Mash  
Egg-Em-On Scratch Feed  
Monarch Dairy Feed, Sweetened  
Producer Dairy Feed 20%  
Producer Dairy Feed 24%  
Sweetened Producer Dairy Feed 20%

**Quaker Oats Co., 141 West Jackson Blvd., Chicago, Ill.**

Banner Feed  
Bell Cow Brand  
Bell Cow Shorts  
Big Egg Scratch Grains  
Buckeye Feed  
Early Bird Coarse Chick Feed  
Horse Power Feed  
Quaker Ful-O-Pep Broiler Mash  
Quaker Ful-O-Pep Chick Starter  
Quaker Ful-O-Pep Coarse Chick Feed  
Quaker Ful-O-Pep Egg Mash  
Quaker Ful-O-Pep Fine Chick Feed  
Quaker Ful-O-Pep Growing Mash  
Quaker Ful-O-Pep Scratch Grains  
Quaker Ful-O-Pep Station Grade Fattening Feed  
Quaker Green Cross  
Quaker Molabulk Feed  
Quaker 16% Protein Dairy Ration  
Quaker 20% Protein Dairy Ration  
Quaker 24% Protein Dairy Ration  
Quaker 18% Protein Pig-N-Hog Meal  
Quaker Schumacher Feed  
Quaker Sugared Schumacher Feed  
Quaker Thorobred Horse Feed  
Richford White Diamond  
Schumacher Calf Meal  
Schumacher Little Chick Feed, No Grit  
Schumacher Scratch Grains, No Grit  
Sugared Vim Feed  
Vim Feed  
White Star Stock Feed-Fine  
White Hominy Feed  
Yellow Hominy Feed

**Rach Milling Co., Cairo, Ill.**

RMC Brand Cottonseed Cake or Meal

**Ralston Purina Co., St. Louis, Mo.**

Corn Feed Meal  
Corn and Oat Provender  
Dried Beet Pulp  
Fine Ground Poultry Alfalfa Meal  
Protena 16% Dairy Feed  
Protena 20% Dairy Feed  
Protena 24% Dairy Feed  
Protena 24% Dairy Feed (Buffalo Mill)  
Protena Scratch Feed (Buffalo Mill)  
Protena Sweet Roughage Feed  
Protena Sweet Roughage Feed (Buffalo Mill)  
Protena Stock Feed  
Purina All Mash Startena Chow Containing Mineral  
Purina Blue Checker Grainola Feed  
Purina Breeder Egg Chowder Containing Mineral  
Purina Bulky Cow Chow  
Purina Bulky Las Chow (Buffalo Mill)  
Purina Bulky Omolene Chow  
Purina Calf Chow

**Ralston Purina Co., St. Louis, Mo.—(Continued)**

Purina Checkerboard Rolled Oats (Steam Cooked)  
Purina Chick Chow  
Purina Chicken Fat Chow Containing Mineral  
Purina Chicken Fatena Chow Containing Mineral  
Purina Chick Growena Chow Containing Mineral  
Purina Chick Startena Chow Containing Mineral  
Purina 20% Cow Chow (Buffalo Mill)  
Purina 24% Cow Chow (Buffalo Mill)  
Purina 34% Cow Chow  
Purina Egg Chowder (With Cod Liver Oil)  
Purina Egg Chowder (With Dried Buttermilk)  
Purina Egg Chowder Containing Mineral  
Purina 32% Egg Chowder Containing Mineral  
Purina Fitting Chow  
Purina Hen Chow  
Purina Hog Fatena Chow  
Purina Intermediate Hen Chow  
Purina Lamb Chow  
Purina Lay Chow (With Cod Liver Oil)  
Purina Lay Chow (With Dried Buttermilk)  
Purina Lay Chow Containing Mineral  
Purina Omolene Chow  
Purina Pig Chow  
Purina Pig and Hog Chow  
Purina Red Bag Steer Chow (in checker form)  
Purina Red Bag Steer Fatena Chow

**John Reardon & Sons Co., Cambridge, Mass.**

45% Register Brand Meat and Bone Scraps  
55% Register Brand Meat Scraps

**Red Wing Milling Co., Red Wing, Minn.**

Red Wing Special Wheat Bran with Screenings

**Robin Hood Mills, Ltd., Moose Jaw and Calgary, Canada**

Blackhawk Wheat Standard Middlings  
Superior Pure Wheat Bran  
Superior Pure Wheat Shorts

**Fred H. Rolf, Inc., Guilford, Conn.**

Hubbard's Egg Producer

**Ronck & Bevis Co., 940 North Front St., Philadelphia, Pa.**

Ro-Be Dried Tomatoes

**Russell-Miller Milling Co., Minneapolis, Minn.**

Alta Hard Wheat Middlings  
Hard Wheat Occident Bran  
Hard Wheat Occident Flour Middlings  
Hard Wheat Occident Mixed Feed  
Hard Wheat Occident Standard Middlings

**Russia Cement Co., Gloucester, Mass.**

Chic-Chuck "The Ideal Concentrated Poultry Food"



**Wolf Savitsky, Shelton, Conn.**

Wolf's Egg Mash  
Wolf's Dairy Ration  
Wolf's Scratch Feed

**Seymour Grain & Coal Co., Seymour, Conn.**

Miracle Chick Feed  
Miracle Chick Grower  
Miracle Chick Starter  
Miracle Cow Feed  
Miracle Fitting Ration  
Miracle Laying Mash  
Miracle Molasses Horse Feed  
See More Egg Buttermilk Mash  
See More Egg Scratch Feed  
See More Milk Dairy Feed

**Shelton Feed Co., Inc., Shelton, Conn.**

Nelson Mixed Chicken Feed

**W. G. Slugg, Milwaukee, Wis.**

Slugg's Pure Dried Skim Milk Feed

**Ike Sovitsky, Ansonia, Conn.**

Ansonia 20% Protein Sweetened Dairy Ration  
Ansonia Egg Mash with Buttermilk  
Ansonia Scratch Feed  
Ansonia Stock Feed

**Springfield Rendering Co., Springfield, Mass.**

Springfield Poultry Feed

**A. E. Staley Mfg. Co., Decatur, Ill.**

Staley's Corn Gluten Feed  
Staley's Soybean Oil Meal

**Staley Milling Co., Kansas City, Mo.**

Hy Power Hominy Feed

**John T. Stanley Co., 642 West 30th St., New York City**

Stanley's Meat and Bone Scrap

**St. Albans Grain Co., St. Albans, Vt.**

Brewers' Dried Grains  
Corn Distillers' Dried Grains  
Hygrade Fitting Ration or Stock Feed  
Hygrade 16 Sweetened Milk Ration  
Hygrade 20 Sweetened Milk Ration  
Hygrade 24 Sweetened Milk Ration  
King Baby Chick Starter containing Cod Liver Meal-Buttermilk-Cod Liver Oil  
King Chick Feed  
King Dairy Feed with Beet Pulp, Sweet  
King 20 Dairy Feed, Sweetened  
King Flour Middlings  
King Growing Feed containing Buttermilk  
King Horse Feed  
King Intermediate Chick Feed

**St. Albans Grain Co., St. Albans, Vt.—(Continued)**

King Mash Feed containing Buttermilk  
King Mash Feed containing Cod Liver Oil-Buttermilk  
King 22 Milk Ration, Sweetened  
King Scratch Feed  
King Stock Feed  
Paragon Dairy Feed, Sweetened  
Paragon Dairy Feed, Unsweetened  
Paragon Hominy Feed  
Paragon Scratch Feed  
Pure Dried Skim Milk Powder  
Utility Dairy Ration  
Utility 60 Pasture Ration  
Wirthmore Baby Chick Starter containing Cod Liver Meal-  
Buttermilk-Cod Liver Oil  
Wirthmore 25 Balanced Ration  
Wirthmore 25 Balanced Ration, Sweetened  
Wirthmore Calf Meal  
Wirthmore Complete Ration for Broilers with Cod Liver Oil  
Wirthmore Dairy Feed with Beet Pulp, Sweetened  
Wirthmore 16 Dairy Ration, Sweet  
Wirthmore 20 Dairy Feed  
Wirthmore 20 Dairy Feed, Sweetened  
Wirthmore Duck Growing Feed  
Wirthmore 14 Fitting Ration  
Wirthmore Flour Middlings  
Wirthmore Fodder Greens  
Wirthmore Gritless Chick Feed (Fine Chick Scratch)  
Wirthmore Growing Feed containing Buttermilk  
Wirthmore Growing Feed containing Cod Liver Oil-Buttermilk  
Wirthmore Horse Feed  
Wirthmore Intermediate Chick Feed (Coarse Chick Scratch)  
Wirthmore Laying Mash with Buttermilk  
Wirthmore Laying Mash containing Cod Liver Oil-Buttermilk  
Wirthmore Pig and Hog—A Growing and Fattening Feed  
Wirthmore Scratch Feed  
Wirthmore Stock Feed  
Wirthmore Turkey Growing Feed  
Wirthmore Turkey Starter containing Cod Liver Meal-Buttermilk  
Wirthmore Wheat Feed

**St. Lawrence Flour Mills Co., Ltd., Montreal, Canada.**

Bran

**D. A. Stickell & Sons, Inc., Hagerstown, Md.**

Snap Intermediate Chick Feed  
Snap Scratch Grains  
Su-Pur Horse and Mule Feed

**Charles M. Struven & Co., Baltimore, Md.**

Struven's Fish Meal

**Swift & Co., Union Stock Yards, Chicago, Ill.**

Swift's Blood Flour  
Swift's Laymore Meat and Bone Scraps  
Swift's Meat and Bone Scraps 50%  
Swift's Poultry Bone Meal  
Swift's Special Bone Meal

**Syracuse Milling Co., Syracuse, N. Y.**

Jordan Horse Feed with Molasses  
 Onondaga Dairy Feed  
 Onondaga Dairy Feed, Sweetened  
 Onondaga Scratch Grains  
 Syragold Chick Feed  
 Syragold Chick Starter  
 Syragold Dairy Feed  
 Syragold Dairy Feed, Sweetened  
 Syragold Egg Mash  
 Syragold Feed Meal  
 Syragold Flour Middlings with Mill Run Screenings  
 Syragold Ground Corn and Oat Feed  
 Syragold Growing Mash  
 Syragold Horse Feed with Molasses  
 Syragold Laying Mash with Buttermilk  
 Syragold Milk Ration  
 Syragold Milk Ration, Sweetened  
 Syragold Scratch Grains  
 Syragold Stock Feed

**Theobald Animal By-Products Refining Co., Kearney, N. J.**

Production Brand Meat and Bone Scrap

**Thomaston Supply Co., Thomaston, Conn.**

Thomaston Egg Mash  
 Thomaston Dairy Ration  
 Thomaston Scratch

**Tioga-Empire Feed Mills, Inc., Waverly, N. Y.**

Broilertine  
 Chicatine  
 Chicatine, with Cod Liver Oil  
 Derby Corn Meal  
 Derby-E-Gee Chick Grains  
 Derby-E-Gee Scratch Feed  
 Derby Ground Corn and Oats  
 Duck Fattener  
 Egatine  
 Egatine, with Cod Liver Oil  
 Egatine Full Feed Pellets  
 E-Gee Dairy Feed  
 Neverfail Horse Feed  
 Orco Feed  
 Red Brand Tioga Dairy Feed  
 Ti-O-Ga Brood Sow and Pig Feed  
 Tioga Calf Food  
 Tioga Chick and Growing Mash  
 Ti-O-Ga Chick and Growing Mash with Cod Liver Oil Added  
 Ti-O-Ga Growing Shoaat Feed  
 Tioga Laying Food  
 Tioga-Neverfail Chick Grains  
 Tioga-Neverfail Growing Grains  
 Tioga-Neverfail Poultry Grains  
 Tioga Wheat Middlings  
 Waverly Flour Middlings  
 White Brand Tioga Dairy Feed

**Torrington Grain Co., Torrington, Conn.**

Talcott Dairy Ration

**Union Sales Corporation, Columbus, Ind.**

Union Corn Gluten Feed

**United Co-Operative Farmers, Inc., Fitchburg, Mass.**

United Farmers Milk Egg Mash

United Farmers Milkmaker

**Upper Hudson Rye Flour Mills, Inc., Troy, N. Y.**

Upper Hudson Rye Feed

**Van Iderstine Co., Long Island City, N. Y.**

Vico High Protein Meat Scraps for Poultry

Vico Pure Ground Meat and Bone Scraps

Vico Quality Meat Scraps for Poultry

**Van Vechten Milling Co., Inc., Rochester, N. Y.**

Irving Mills Rye Feed

**F. S. Wertz & Son, Reading, Pa.**

Mixed Grains Intermediate for Poultry

Wertz's Horse Feed with Alfalfa and Molasses

**West Bay City Sugar Co., Bay City, Mich.**

Dried Beet Pulp

**West-Nesbitt, Inc., Oneonta, N. Y.**

All Pure 20% Milk Ration

Pure Feed Eggmaker

Pure Feed Egg Mash

Pure Feed Scratch Grains

Pure Sweetfeed Dairy Ration

Super Pure Feed Dairy Ration

**Worcester Rendering Co., Auburn, Mass.**

P. W. Fish Meal

P. W. Meat Scrap

P. W. Special Meat Scrap

**Yakima Milling Co., Yakima, Washington.**

Sunshine Brand Alfalfa Meal

**Yantic Grain & Products Co., Norwich, Conn.**

Abington Dairy Feed

Almo

Big (Y) Buttermilk Laying Mash

Big (Y) Chick Grains

Big (Y) Chick Starter

Big (Y) 20% Dairy Ration

Big (Y) 24% Dairy Ration

Big (Y) Fitting Ration

Big (Y) Flour Middlings

Big (Y) Growing Feed with Cod Liver Meal<sup>1</sup>

Big (Y) Hog and Pig Ration

Big (Y) Horse Feed

<sup>1</sup>This was substituted during the year for Big (Y) Growing Feed.

**Yantic Grain & Products Co., Norwich, Conn.—(Continued)**

Big (Y) Laying Mash  
 Big (Y) Laying Mash with Cod Liver Oil  
 Big (Y) Mixed Feed  
 Big (Y) Scratch Feed  
 Big (Y) Stock Feed  
 Big (Y) Sugared Stock Feed<sup>1</sup>  
 Gingham Girl Scratch Feed  
 O. F. Dairy Ration 20%  
 O. F. Dairy Ration 24%  
 Uncas Scratch Feed

INSPECTION

For the year 1931 a total of 1016 samples of feeding stuffs and related materials have been examined. They are classified as follows:

Concentrated feed stuffs .....	739
Miscellaneous feeds examined for individuals.....	73
Feeds examined for poisons, etc. ....	4
Pasture grass samples from Storrs station .....	177
Check samples, cottonseed meal and feed .....	23
Total .....	1016

Samples submitted by the Storrs station are not discussed in this Report.

Summaries based upon the analyses of official samples as given in Table 1 are given in Tables 1a and 1b.

Of 739 official samples 89 were deficient in one or more guaranteed items of composition. The total number of deficiencies was 99. The deficiencies in fat were about equal in number to those in protein and fiber combined. The percentage of samples that substantially met or exceeded guaranties is 88. Last year the corresponding percentage was 81.

The total number of deficiencies (99), is distinctly less than the number last year (143).

From Table 1b it is seen that the percentage of individual guaranties met this year is 96. This is an improvement over last year when the percentage was 93.

No violation of the law relating to the use of wire in affixing tags was found.

Microscopic examinations revealed no serious contamination with weed seeds, and in general, ingredients claimed upon tags and in registration statements were substantiated.

NOTE: Analyses are by Messrs. Nolan, Mathis and Walden; microscopic examinations by Mr. Shepard and Misses Yale and Langley; sampling by Mr. Churchill; and compilation of results largely by Mrs. Vosburgh.

<sup>1</sup>This was substituted later in the year for Uncas Sugared Stock Feed.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Oil seed products</b>		
<b>Cottonseed meal</b>		
6179	Ashcraft-Wilkinson Co., Atlanta, Ga. Helmet	Devon: Webster Coal & Ice Co.
6411	Ashcraft-Wilkinson Co., Atlanta, Ga. Monarch	Winsted: E. Manchester & Sons .....
7753	Ashcraft-Wilkinson Co., Atlanta, Ga. Paramount	Wallingford: A. E. Hall .....
6234	F. W. Brode Corp., Memphis, Tenn. Owl Brand 41%	Ansonia: I. Sovitsky Grain & Coal Co. ....
6129	Humphreys-Godwin Co., Memphis, Tenn. Bull.	Guilford: Fred C. Morse & Son .....
6432	Humphreys-Godwin Co., Memphis, Tenn. Dixie	Willimantic: Willimantic Grain Co. ....
6309	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 36%	Wallingford: A. E. Hall .....
6110	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 41%	East Haven: F. A. Forbes ...
6156	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 43%	Thomaston: Thomaston Sup- ply Co. ....
<b>Linseed meal</b>		
7759	Archer-Daniels Midland Co., Minneapolis, Minn. .... Old Process	Wallingford: Laden Bros. ....
6449	Canada Linseed Oil Mills, Montreal, Que. "Maple Leaf" 35%	Rockville: Rockville Grain & Coal Co. ....
6454	Kelloggs & Miller, Inc., Amsterdam, N. Y. "K & M" Brand Pure Old Process	Manchester: Little & McKinney .....

## INSPECTION OF 1931

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
6.25	7.16	41.00	41.00	9.91	10.00	29.88	5.80	5.50
7.48	5.60	42.44	43.00	10.90	10.00	27.13	6.45	6.00
8.85	5.33	34.50	36.00	15.78	14.00	30.51	5.03	5.00
6.93	6.45	41.06	41.00	9.73	10.00	29.18	6.65	5.00
7.33	5.85	42.88	43.00	10.05	11.00	27.19	6.70	5.00
6.43	6.25	41.81	41.00	11.40	12.00	27.38	6.73	5.00
7.30	5.73	38.31	36.00	13.48	15.00	29.18	6.00	5.00
5.90	6.08	41.38	41.00	12.24	10.00	29.17	5.23	6.00
6.10	5.89	41.50	43.00	11.53	10.00	28.88	6.10	6.00
10.88	5.23	37.13	34.00	7.72	9.00	34.34	4.70	4.50
8.65	4.80	39.13	35.00	7.42	9.00	34.17	5.83	5.00
8.20	5.26	36.00	34.00	8.02	9.00	35.99	6.53	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Oil seed products—(Continued)</b>		
7564	Kelloggs & Miller, Inc., Amsterdam, N. Y., "K & M" Brand Pure Old Process	Shelton: Wolf Savitsky . . . .
6154	Spencer Kellogg & Sons, Buffalo, N. Y. Kellogg's 37% Pure Old Process	Thomaston: Thomaston Supply Co. . . . .
6231	Mann Bros. Co., Buffalo, N. Y. The Mann Bros. Co. 34% Pure Old Process	Shelton: Wolf Savitsky . . . .
7627	Meador Milling Co. Inc., Hoboken, N. J. Purifine	Torrington: Litchfield Co-op. Association . . . . .
<b>Soy bean meal</b>		
8155	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Soy Bean Meal	Norwich: A. E. Shedd . . . . .
<b>Wheat products</b>		
<b>Wheat bran</b>		
8432	Commander Milling Co., Minneapolis, Minn. Commander	Jewett City: Jewett City Grain Co. . . . .
7649	Copeland Flour Mills, Ltd., Midland, Ont. Copeland's Dandy	Branford: S. V. Osborn Estate
6250	Chas. M. Cox & Co., Boston, Mass. Argentine	Bristol: Bristol Supply Co. . .
7693	Chas. M. Cox & Co., Boston, Mass. Lake-Woods	So. Norwalk: Roodner Feed Co. . . . .
8321	Chas. M. Cox & Co., Boston, Mass. Pioneer	Guilford: F. H. Rolf . . . . .
7891	Arthur G. Dunn, New York City. Argentine	Middletown: Meech & Stod- dard, Inc. . . . .



## INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
9.55	9.47	34.13	34.00	7.24	9.00	33.65	5.96	5.00	
8.90	5.03	39.00	37.00	7.13	10.00	34.84	5.10	5.00	
10.35	5.04	37.63	34.00	7.38	10.00	32.95	6.65	6.00	
10.35	5.51	34.94	34.00	8.10	8.00	34.90	6.20	5.00	
9.35	5.82	42.50	40.00	5.78	7.00	31.80	4.75	4.50	
9.53	6.65	16.88	14.00	10.10	12.00	51.70	5.14	4.00	
13.33	5.36	15.75	14.00	10.85	11.50	49.36	5.35	3.50	
10.08	6.36	15.75	13.00	10.03	13.00	53.73	4.05	4.00	
12.75	5.59	15.75	15.00	11.23	11.50	49.08	5.60	3.50	
11.20	5.34	17.50	14.00	9.55	12.00	51.68	4.73	3.50	
11.60	5.86	15.50	13.50	9.80	14.00	52.99	4.25	3.50	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Wheat products—(Continued)</b>		
7676	B. A. Eckhart Milling Co., Chicago, Ill.	Milford: Milford Grain Co. . .
7801	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat	Plantsville: C. A. Cowles . . . .
7664	Frank B. Ham & Co. Ltd., Toronto, Ont. Hamco	West Cheshire: Cheshire Grain & Coal Co. . . . .
7905	Wm. Hamilton & Sons, Inc., Caledonia, N. Y.	Torrington: Torrington Grain Co. . . . .
8195	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. . . . . Choice	Putnam: Dayville Grain & Coal Co. . . . .
7709	International Milling Co., Minneapolis, Minn. Black Hawk Pure	Greenwich: T. Loughlin & Son . . . . .
7910	The Kansas Flour Mills Corp., Kansas City, Mo. . . . . Big Flake Pure	Winsted: E. Manchester & Sons . . . . .
7958	Larrabee Flour Mills Co., Kansas City, Mo. Pure	Farmington: Farmington Grain Co. . . . .
8351	Larrabee Flour Mills Co., Kansas City, Mo. Winter	Moodus: M. Levine . . . . .
6155	C. J. Martenis Grain Co., New York City. Argentine	Thomaston: Thomaston Sup- ply Co. . . . .
7890	C. J. Martenis Grain Co., New York City. Brazilian	New Haven: R. G. Davis & Sons . . . . .
7614	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's	Stratford: Z. C. Ingersoll . . .

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
12.25	5.99	16.69	14.00	9.35	11.00	50.54	5.18	2.50
12.35	6.02	15.50	14.00	10.15	12.00	50.70	5.28	4.00
12.78	5.97	14.63	13.50	10.55	12.00	50.89	5.18	3.00
10.43	5.51	16.50	13.25	9.35	11.50	53.11	5.10	2.90
10.63	6.37	15.75	13.50	9.80	14.00	52.30	5.15	3.50
12.35	5.20	18.88	15.00	8.29	12.00	50.40	4.88	3.20
11.83	6.44	14.88	15.00	9.15	11.00	53.25	4.45	3.50
11.08	7.21	15.19	15.00	9.53	10.00	52.09	4.90	3.50
10.73	6.93	15.63	15.00	8.63	10.00	53.18	4.90	3.50
10.08	6.55	15.75	13.00	9.80	13.00	53.67	4.15	4.00
10.53	6.55	16.19	13.00	10.48	13.00	52.30	3.95	4.00
11.85	4.89	16.50	13.00	7.10	10.00	54.96	4.70	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Wheat products—(Continued)</b>		
7654	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard	Derby: Derby Feed Store ....
6138	Ogilvie Flour Mills, Montreal, Que. Ogilvie's	Hamden: Ira W. Beers .....
7774	Pillsbury Flour Mills Co., Minneapolis, Minn. .... Pillsbury's	Meriden: Raymond Ives .....
7667	Pillsbury Flour Mills Co., Minneapolis, Minn. .... Pillsbury's Hard Wheat	Shelton: Shelton Feed Co.
6123	Quaker Oats Co., Chicago, Ill. Bell Cow	Guilford: F. H. Rolf, Inc. ....
7841	Red Wing Milling Co., Red Wing, Minn. Red Wing Special	New Haven: Moran-Patton Co. ....
7889	Robin Hood Mills, Ltd., Calgary, Alberta. Superior Pure	New Haven: R. G. Davis & Sons .....
8240	Russell Miller Milling Co., Minneapolis, Minn. .... Hard Wheat Occident	Danielson: Young Bros. Co. ..
7884	St. Lawrence Flour Mills Co. Ltd., Montreal, Que. ....	Bristol: Bristol Supply Co. ...
<b>Wheat middlings and similar products</b>		
8314	Commander - Larrabee Co., Minneapolis, Minn. . Sunfed Wheat Standard Middlings	Jewett City: Jewett City Grain Co. ....
7650	Copeland Flour Mills, Ltd., Midland, Ont. Copeland's Dandy Shorts	Branford: S. V. Osborn Estate .....
7698	Chas. M. Cox Co., Boston, Mass. Lake-Woods Shorts	So. Norwalk: Roodner Feed Co. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
12.00	6.40	16.06	15.50	9.30	11.50	50.89	5.35	4.00	
10.13	5.51	16.81	15.00	10.26	11.50	51.71	5.58	3.50	
11.60	5.99	17.75	14.50	7.85	10.00	52.26	4.55	3.50	
11.70	5.30	16.50	14.00	8.58	12.00	52.37	5.55	4.00	
9.40	5.60	17.38	15.00	9.59	10.00	51.80	6.20	3.50	
11.73	5.66	16.38	13.50	10.10	15.60	51.35	4.78	4.10	
11.33	5.34	16.31	15.00	9.70	11.50	51.82	5.50	3.50	
10.20	6.35	18.19	14.00	8.98	11.50	50.85	5.43	4.00	
10.35	5.20	15.88	15.00	10.13	11.50	53.01	5.43	3.50	
9.03	5.65	17.88	14.50	8.15	9.50	53.49	5.80	4.00	
12.40	3.95	18.50	15.00	6.35	8.00	52.62	6.18	5.00	
11.73	4.16	19.50	16.00	6.43	8.00	51.95	6.23	5.00	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Wheat products—(Continued)</b>		
8322	Chas. M. Cox Co., Boston, Mass. Pioneer Wheat Shorts	Guilford: F. H. Rolf, Inc. ....
8385	Dominion Flour Mills, Ltd., Montreal, Que. Dominion Shorts	Lebanon: Berkman Grain Co. .
7983	Arthur G. Dunn, New York City. Argentine Wheat Middlings	East Hartford: Stowe & Rondeau .....
7756	B. A. Eckhart Milling Co., Chicago, Ill. Standard Wheat Middlings	Wallingford: A. E. Hall .....
6180	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Wheat Flour Middlings	Devon: Webster Coal & Ice Co.
8009	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Flour Middlings .....	Lebanon: Berkman Grain Co. .
7688	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Standard Middlings	Seymour: Seymour Grain & Coal Co. ....
7665	Frank B. Ham & Co., Toronto, Ont. Hamco Wheat Shorts	West Cheshire: Cheshire Grain & Coal Co. ....
8199	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. .... Wheat Standard Middlings	Danielson: Dayville Grain & Coal Co. ....
7600	International Milling Co., Minneapolis, Minn. Black Hawk Wheat Standard Middlings	Southport: C. Buckingham & Co. ....
6417	E. Manchester & Sons, Winsted. Red Star Flour Middlings	Winsted: E. Manchester & Sons .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.15	4.49	19.69	16.00	7.23	9.00	52.16	6.28	4.50
9.35	4.30	17.31	16.00	7.30	8.00	56.51	5.23	5.00
9.98	4.69	17.38	13.50	8.60	9.50	55.37	3.98	3.50
11.55	4.69	17.56	15.00	7.38	9.50	53.59	5.23	3.00
10.85	2.80	17.38	16.00	3.85	6.00	61.09	4.03	4.00
10.45	3.96	18.38	16.00	5.40	6.00	56.76	5.05	4.00
11.45	4.82	18.13	15.00	8.40	9.50	51.55	5.65	4.00
11.85	4.45	17.69	15.00	7.05	10.50	52.33	6.63	3.50
10.00	4.97	19.00	15.00	7.15	9.50	52.83	6.05	4.75
11.85	4.72	19.00	16.00	7.00	8.50	51.98	5.45	4.50
10.90	3.52	17.75	15.00	5.53	6.00	57.35	4.95	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Wheat products—(Continued)</b>		
7612	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's Fresh Ground White Middlings	Stratford: Z. C. Ingersoll . . . .
7655	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard Midds.	Derby: Derby Feed Store . . . .
7973	Northwestern Consolidated Milling Co., Minneapolis, Minn. . . Standard Middlings	Bloomfield: Bloomfield Farmers' Exchange . . . .
7913	Ogilvie Flour Mills Co. Ltd., Montreal, Que. . . . . Ogilvie's Wheat Shorts	Winsted: E. Manchester & Sons . . . . .
6410	The Park & Pollard Co., Buffalo, N. Y. Wheat Flour Middlings	Winsted: Leonard Grain Co. . .
7924	Pillsbury Flour Mills Co., Minneapolis, Minn. . . . . Pillsbury's Hard Wheat A. Middlings	Canaan: Ives & Pierce . . . . .
7777	Pillsbury Flour Mills Co., Minneapolis, Minn. . . . . Pillsbury's Hard Wheat Standard B. Middlings	Kensington: S. F. Labieniec . .
6124	Quaker Oats Co., Chicago, Ill. Bell Cow Shorts	Guilford: F. H. Rolf, Inc. . . .
7634	Robin Hood Mills, Ltd., Calgary, Alberta. Superior Pure Wheat Shorts	Winsted: E. Manchester & Sons . . . . .
7968	Russell-Miller Milling Co., Minneapolis, Minn. . . . . Alta Hard Wheat Middlings	Granby: E. H. Rollins . . . . .
8312	St. Albans Grain Co., St. Albans, Vt. King Flour Middlings	Willimantic: Willimantic Grain Co. . . . .



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.25	2.15	14.81	15.00	1.37	7.50	67.82	2.60	3.50
11.45	6.69	18.31	15.50	6.43	7.00	50.99	6.13	4.50
9.78	4.89	18.50	15.00	8.78	9.50	52.27	5.78	4.00
10.53	4.29	16.63	16.00	7.75	8.00	55.25	5.55	5.00
10.43	3.20	18.13	14.00	4.83	6.00	58.41	5.00	4.00
10.95	3.59	18.88	16.00	5.08	6.00	56.00	5.50	4.00
11.60	4.91	16.38	15.00	7.65	9.50	54.36	5.10	4.00
9.78	3.89	17.00	15.00	7.02	8.00	56.73	5.58	4.00
11.48	4.45	17.88	17.00	6.98	8.00	53.16	6.05	5.00
10.48	4.30	18.00	15.00	6.28	8.50	55.44	5.50	4.50
9.80	4.14	17.38	15.00	5.78	6.00	58.20	4.70	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Wheat products—(Continued)</b>		
7648	St. Albans Grain Co., St. Albans, Vt. Wirthmore Flour Middlings	Branford: S. V. Osborn Estate .....
8238	Yantic Grain & Products Co., Norwich. Big Y Flour Middlings	Abington: Weeks Bros. ....
<b>Wheat red dog</b>		
7852	John W. Eshelman & Sons, Lancaster, Pa. Eshelman's	Chester: Leet Bros. ....
7720	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Pure Hard Wheat Adrian	Norwalk: Frank Libner & Sons .....
7859	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. ....	Higganum: Felix Petrofsky ..
7603	International Milling Co., Minneapolis, Minn. Blackhawk	Bridgeport: Brooklawn Feed Co. ....
8339	Niagara Falls Milling Co., Lockport, N. Y. Choice	Thomaston: Thomaston Grain & Coal Co. ....
<b>Wheat feed (mixed feed)</b>		
8205	Caledonia Mills, Inc., St. Johnsbury, Vt. Brook's Fancy	Ridgefield: Ridgefield Lumber Co. ....
7819	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Fancy	Southbury: H. R. Stone .....
7804	H. H. King Flour Mills Co., Minneapolis, Minn. .... "Gold Mine"	Plantsville: C. A. Cowles ....
6415	E. Manchester & Sons, Winsted. .. Red Star	Winsted: E. Manchester & Sons .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.43	4.03	16.94	15.00	5.65	6.00	57.22	4.73	4.00
10.10	3.81	17.13	17.00	5.58	5.00	59.48	3.90	5.00
11.73	2.51	17.00	16.00	3.45	4.00	61.81	3.50	4.00
11.50	2.44	17.44	16.00	2.18	4.00	62.76	3.68	3.50
11.30	3.87	18.38	15.00	3.88	4.00	57.49	5.08	4.25
12.48	1.67	13.94	16.00	2.56	4.00	66.72	2.63	3.50
9.58	2.14	16.00	16.00	1.73	4.00	67.05	3.50	4.00
10.60	3.92	17.06	15.00	6.15	8.00	58.04	4.23	4.00
11.95	4.62	15.69	15.00	6.35	7.50	57.11	4.28	3.50
11.53	4.80	17.63	15.00	8.40	9.50	52.64	5.00	4.50
10.48	4.80	18.25	16.00	6.83	7.50	54.81	4.83	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Wheat products—(Continued)</b>		
8189	Meech & Stoddard, Inc., Middletown. Red Wing	East Hartford: Meech Grain Co. ....
7919	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's Fresh Ground	Norfolk: Aug. P. Curtis .....
6177	Northwestern Consolidated Milling Co., Minneapolis, Minn. .... XXX Comet	Milford: Milford Grain Co. ..
7907	Park & Pollard Co., Buffalo, N. Y. Park & Pollard Heavy Wheat	East Winsted: Leonard Grain Co. ....
7840	Park & Pollard Co., Buffalo, N. Y. Park & Pollard Light Wheat	Plainville: F. B. Newton .....
7683	Pillsbury Flour Mills Co., Minneapolis, Minn. .... Pillsbury's Fancy	Seymour: Seymour Grain & Coal Co. ....
7686	Pillsbury Flour Mills Co., Minneapolis, Minn. .... Pillsbury's XX Daisy	Seymour: Seymour Grain & Coal Co. ....
7755	Russell-Miller Milling Co., Minneapolis, Minn. .... Hard Wheat Occident	Wallingford: A. E. Hall .....
7888	St. Albans Grain Co., St. Albans, Vt. Wirthmore	New Haven: R. G. Davis & Sons .....
7970	Yantic Grain & Products Co., Norwich, Big Y	Tariffville: Tariffville Grain Co. ....
<b>Maize products</b>		
<b>Corn gluten feed</b>		
7869	American Maize Products Co., New York City. .... Cream of Corn Gluten Feed	Plainville: W. S. Eaton .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.38	4.73	18.25	15.00	6.21	10.00	56.60	3.83	4.50
11.08	4.26	15.25	14.00	6.53	10.00	58.63	4.25	5.00
11.40	2.48	19.63	16.00	1.94	4.00	60.20	4.35	4.00
12.10	4.05	17.13	15.50	5.98	8.00	56.01	4.73	3.35
10.73	5.34	18.38	15.30	8.63	10.25	51.19	5.73	3.85
12.58	4.36	17.19	15.00	5.38	8.50	55.71	4.78	4.00
11.95	2.70	18.75	16.00	1.60	4.00	60.26	4.74	4.00
12.30	4.57	18.63	15.00	7.47	9.50	51.15	5.88	4.50
11.20	3.98	17.75	15.00	6.15	8.00	56.19	4.73	4.50
10.75	4.30	17.00	16.00	7.08	8.00	56.62	4.25	4.50
10.30	5.01	27.63	23.00	7.28	8.50	46.35	3.43	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Maize products—(Continued)</b>		
6471	E. R. Bacon Grain Co., Boston, Mass. Bacon's Gluten Feed	Torrington: Torrington Grain Co. ....
7668	Clinton Corn Syrup Refining Co., Clinton, Iowa. .... Clinton Corn Gluten Feed	Shelton: Wolf Savitsky ....
7976	Corn Products Refining Co., New York City. Buffalo Corn Gluten Feed	Thompsonville: Geo. S. Phelps & Co. ....
7780	Corn Products Refining Co., New York City. Diamond Corn Gluten Meal	Kensington: S. F. Labieniec ..
7704	Penick & Ford, Ltd. Inc., Cedar Rapids, Ia. Douglas Corn Gluten Feed	Stamford: Clapboard Hill Feed Co. ....
6230	Penick & Ford, Ltd., Inc., Cedar Rapids, Ia. Sweetened Douglas Corn Gluten Feed	Shelton: Wolf Savitsky ....
7625	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Corn Gluten Feed	Torrington: Litchfield Co-op. Association ....
6139	Union Sales Corp., Columbus, Ind. Union Corn Gluten Feed	West Cheshire: Cheshire Grain & Coal Co. ....
<b>Hominy feed</b>		
7881	Decatur Milling Co., Decatur, Ill. . . Homco	Bristol: C. A. Cowles ....
7911	Evans Milling Co., Indianapolis, Ind. . Emco	Winsted: E. Manchester & Sons ....
7652	Kellogg Co., Battle Creek, Mich. .... White	Branford: S. V. Osborn Estate ....
7626	Chas. A. Krause Milling Co., Milwaukee, Wis. .... Badger White	Torrington: Litchfield Co-op. Association ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
6.48	3.56	26.75	23.00	6.43	8.00	52.45	4.33	2.00
10.65	5.55	28.25	23.00	6.90	8.50	46.42	2.23	2.00
10.98	6.59	26.38	23.00	7.33	8.50	46.52	2.20	2.00
10.23	1.18	42.69	40.00	1.63	4.00	42.99	1.28	1.00
12.95	7.68	23.13	23.00	7.50	8.50	45.84	2.90	2.00
11.25	7.23	21.38	20.00	7.73	8.00	50.93	1.48	1.50
10.63	6.52	27.06	23.00	6.38	8.00	47.76	1.65	1.00
9.55	6.62	32.13	23.00	5.73	8.00	44.07	1.90	1.00
10.48	2.75	10.75	10.00	5.63	6.00	61.79	8.60	7.00
10.30	3.59	12.63	10.00	6.65	5.50	58.53	8.30	6.00
10.24	2.21	11.13	10.00	3.40	5.00	66.22	6.80	6.00
10.58	2.64	11.44	10.00	4.17	5.00	64.04	7.13	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Maize products—(Continued)</b>		
7684	Miller Cereal Mills, Omaha, Neb. ....	Seymour: Seymour Grain & Coal Co. ....
7760	Miner-Hillard Milling Co., Wilkes-Barre, Pa. .... Steam Cooked	Wallingford: Laden Bros. ....
7918	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's	Norfolk: Aug. P. Curtis ....
7618	Mt. Vernon Milling Co., Mt. Vernon, Ind. Poco	West Cheshire: Cheshire Grain & Coal Co. ....
7834	National Feed Co., St. Louis, Mo. ....	Wallingford: A. E. Hall ....
7671	The Patent Cereals Co., Geneva, N. Y. ....	Shelton: Wolf Savitsky ....
7845	Postum Co. Inc., Battle Creek, Mich. . Burt's	Bethlehem: A. T. Miner ....
7933	Pratt Food Co., Hammond, Ind. Pratt's White (Buffalo Mills)	Bristol: Bristol Supply Co. ...
7633	Quaker Oats Co., Chicago, Ill. .... White	Thomaston: Thomaston Supply Co. ....
6233	Quaker Oats Co., Chicago, Ill. .... Yellow	Ansonia: I. Sovitsky Grain & Coal Co. ....
7743	St. Albans Grain Co., St. Albans, Vt. Paragon	Danbury: F. C. Benjamin ....
<b>Rye products</b>		
6192	Upper Hudson Rye Flour Mills, Troy, N. Y. Upper Hudson Rye Feed	Plantsville: C. A. Cowles ....
<b>Brewers' and distillers' grains</b>		
6350	Farmers Feed Co. "Bull Brand" Dried Brewers Grains	Torrington: Torrington Grain Co. ....



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.78	2.90	11.31	11.00	2.93	4.50	64.93	7.15	7.00
11.60	2.60	11.00	10.00	4.63	5.00	64.37	5.80	5.00
10.00	2.49	11.00	10.00	5.08	6.00	63.00	8.43	5.00
10.18	4.21	12.50	10.00	4.05	6.00	60.78	8.28	7.00
10.83	2.52	11.38	10.00	6.33	10.00	61.86	7.08	5.00
10.80	2.79	11.88	10.00	4.85	5.00	63.20	6.48	5.00
11.80	2.53	10.94	10.00	4.55	5.00	62.95	7.23	5.00
11.63	1.91	10.63	10.00	3.45	6.00	67.88	4.50	4.00
12.65	2.00	10.88	9.00	3.95	5.00	65.14	5.38	4.00
9.80	2.16	10.50	9.50	3.85	5.00	67.81	5.88	4.00
10.40	4.24	12.50	10.00	6.38	7.00	58.23	8.25	6.00
9.93	3.74	17.38	13.50	4.45	6.00	60.87	3.63	3.00
7.18	3.04	27.38	22.00	12.09	17.00	43.66	6.65	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Brewers' and distillers' grains—(Continued)</b>		
6244	C. J. Martenis Grain Co., New York City. Alco Dried Brewers Grains	Seymour: Seymour Grain and Coal Co. ....
7943	St. Albans Grain Co., St. Albans, Vt. Brewers Dried Grains	New Milford: Geo. T. Soule Co. ....
7786	St. Albans Grain Co., St. Albans, Vt. Corn Distillers Dried Grains	New Britain: C. W. Lines Co.
<b>Dried beet pulp</b>		
7851	John W. Eshelman & Sons, Lancaster, Pa.	Chester: Leet Bros. ....
7645	Larrowe Milling Co., Detroit, Mich.	Guilford: F. C. Morse & Son ....
7672	Larrowe Milling Co., Detroit, Mich. Dried Molasses-Beet Pulp	Shelton: Wolf Savitsky ....
6151	C. J. Martenis Grain Co., New York City. Dried Beet Pulp (Baltic Feed)	Waterbury: Spencer Grain Co. ....
7955	Ralston Purina Co., St. Louis, Mo. ....	Farmington: Farmington Grain Co. ....
7729	West Bay City Sugar Co., Bay City, Mich.	Ridgefield: Ridgefield Lumber Co. ....
<b>Dried tomato products</b>		
7809	Ronck & Bevis Co., Philadelphia, Pa. Ro-Be Dried Tomatoes	Plainville: F. B. Newton ....
<b>Proprietary mixed feeds</b>		
<b>Horse feed</b>		
7622	Allied Mills, Inc., Chicago, Ill. June Pasture	Torrington: Litchfield Co-op. Association ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
5.65	3.55	24.13	21.00	14.68	20.00	45.54	6.45	6.00
8.65	4.29	23.56	21.00	14.33	15.00	43.22	5.95	5.00
7.30	1.93	27.63	28.00	10.23	14.00	45.03	7.88	8.00
11.70	5.58	8.25	8.50	17.78	20.00	55.71	0.98	0.50
10.45	3.37	9.06	8.00	18.45	22.00	57.89	0.78	0.50
11.68	6.02	8.88	8.00	14.23	20.00	58.54	0.65	0.50
9.68	3.66	8.13	7.50	17.12	20.00	60.61	0.80	0.50
9.50	3.10	8.88	8.00	19.58	20.00	58.39	0.55	0.50
10.58	2.99	8.75	8.00	18.20	20.00	58.93	0.55	0.50
7.35	3.27	21.75	20.00	31.63	36.00	23.07	12.93	10.50
13.10	10.13	12.63	10.00	16.18	21.00	45.98	1.98	0.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7791	Allied Mills, Inc., Chicago, Ill. Wayne Supreme	Bethlehem: A. T. Miner . . . . .
7836	Arcady Farms Milling Co., Chicago, Ill. Wonder Horse and Mule	Meriden: Raymond Ives . . . . .
8152	Arcady Farms Milling Co., Chicago, Ill. Wonder Sweet Lasses Feed	Danielson: Kennedy Corp., Inc. . . . .
8000	E. W. Bailey & Co., Montpelier, Vt. Pennant	West Willington: H. M. Hansen . . . . .
7660	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga	Shelton: Shelton Feed Co. . . . .
7739	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon	Danbury: C. S. Barnum & Son
8244	C. W. Campbell Co., Westerly, R. I. Camco	Groton: C. W. Campbell Co. . .
8253	C. W. Campbell Co., Westerly, R. I. Xtra Vim Molasses	Westerly: C. W. Campbell Co.
7882	Chapin & Co., Hammond, Ind. . . . . Ajax	Bristol: C. A. Cowles . . . . .
7847	R. G. Davis & Sons, New Haven. . . . Davis	Clinton: Clinton Grain Co. . . .
7678	R. G. Davis & Sons, New Haven. Davis No. 1 Provender	Ansonia: Ansonia Flour & Grain Co. . . . .
7685	The Denver Alfalfa Milling & Products Co. Lamar, Colo. . . . . Alfalfa Meal	Seymour: Seymour Grain & Coal Co. . . . .

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.88	2.91	11.88	9.50	6.30	8.00	63.43	3.60	3.50
11.90	4.48	10.25	9.00	7.48	10.00	61.91	3.98	3.00
11.53	8.98	11.13	9.00	15.58	25.00	51.43	1.35	1.00
12.10	4.65	13.00	10.75	5.25	6.50	61.65	3.35	3.50
13.25	3.72	11.38	8.00	5.15	10.00	63.62	2.88	2.00
13.48	3.89	11.75	9.00	5.87	11.00	62.33	2.68	2.50
10.53	4.73	10.69	10.00	6.83	10.00	63.24	3.98	3.00
9.83	4.75	10.50	10.00	9.75	12.00	61.62	3.55	2.00
12.68	4.72	9.25	9.00	9.28	12.00	60.67	3.40	3.00
11.83	3.49	10.63	9.00	7.00	10.00	63.10	3.95	3.00
11.58	2.75	11.69	10.00	6.23	8.00	62.65	5.10	3.50
9.60	7.48	15.25	13.00	26.33	33.00	39.14	2.20	1.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7615	The Denver Alfalfa Milling & Products Co. Lamar, Colo. . . . . Alfalfa Leaf Meal	West Cheshire: Cheshire Grain & Coal Co. . . . .
8149	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's	Putnam: Bosworth Bros. . . . .
7922	Eastern States Farmers' Exchange, Spring- field, Mass. . . . . Eastern States Pure Ground Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$	Norfolk: W. A. Spaulding . . .
8394	Eastern States Farmers' Exchange, Spring- field, Mass. . . Eastern States Highland 12	Clinton: A. L. Lockwood . . .
7748	Eastern States Farmers' Exchange, Spring- field, Mass. . . . . Eastern States	North Haven: Ridgewood Farm . . . . .
7902	Elmore Milling Co., Oneonta, N. Y. Elmore, with Molasses	Naugatuck: Naugatuck Fruit & Produce Co. . . . .
7697	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster 60	So. Norwalk: Roodner Feed Co. . . . .
7597	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Liberty	Southport: C. Buckingham & Co. . . . .
7750	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 85	Wallingford: A. E. Hall . . .
7794	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Steam-Cooked	New Britain: Wm. Cohen . . .
7985	Flory Milling Co., Bangor, Pa. Blue Mountain	Hartford: H. L. Solloway . . .
7817	Flory Milling Co., Bangor, Pa. . . . Flory's	New Haven: Moran-Patton Co.

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.90	17.50	18.50	20.00	14.56	18.00	36.16	3.38	2.50
11.18	3.08	11.13	10.00	6.73	12.00	64.34	3.54	3.50
10.68	2.35	11.00	9.50	6.10	7.00	65.24	4.63	3.50
9.75	6.60	13.00	12.00	9.33	11.50	57.77	3.55	2.50
12.20	4.01	12.38	10.50	6.80	7.00	60.63	3.98	3.50
10.80	3.42	13.00	9.00	7.18	11.00	62.35	3.25	2.50
12.43	5.00	10.75	9.00	10.98	10.00	57.61	3.23	2.50
13.73	7.35	9.38	7.00	10.90	10.00	56.09	2.55	2.00
11.90	3.41	11.13	9.00	7.18	10.00	62.28	4.10	3.00
9.55	1.93	11.19	9.00	4.48	6.00	69.22	3.63	4.00
10.83	4.45	8.63	7.00	10.58	11.00	63.23	2.28	2.00
11.93	3.42	10.38	9.00	7.78	10.00	63.09	3.40	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
8239	J. A. Forrest, Minneapolis, Minn. Alpine Ground Feeding Oat Meal	Danielson: Young Bros. Co. . .
8304	Hales & Hunter Co., Chicago, Ill. . . College	Guilford: F. H. Rolf, Inc. . . .
7892	Imperial Grain & Milling Co., Toledo, Ohio. Imperial Steam Cooked	Middletown: Meech & Stoddard, Inc. . . . .
8565	Imperial Grain & Milling Co., Toledo, Ohio. Imperial Steam Cooked	Middletown: Meech & Stoddard, Inc. . . . .
7641	Lamar Alfalfa Milling Co., Lamar, Colo. Alfalfa Leaf Meal	Guilford: F. C. Morse & Son
7758	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand, with Alfalfa and Molasses	Wallingford: Laden Bros. . . .
7803	Meador Milling Co., Hoboken, N. J. Arrowhead	Plantsville: C. A. Cowles . . .
7772	Meech & Stoddard, Inc., Middletown. Red Wing, with Molasses	Meriden: Meriden Grain & Coal Co. . . . .
8250	Miner-Hillard Milling Co., Wilkes-Barre, Pa. . "1795" Steam Cooked Corn and Oats	Westerly: C. W. Campbell Co.
7642	Fred C. Morse & Son, Guilford. . . Old Mill	Guilford: Fred C. Morse & Son
7643	Fred C. Morse & Son, Guilford. Old Mill Provender	Guilford: Fred C. Morse & Son
8264	Nowak Milling Corp., Hammond, Ind. Domino Vim-O-Lene	Sharon: Frank A. Wike & Co.
7860	Ontario Milling Co., Oswego, N. Y. Onto, with Molasses	Middletown: P. Levson & Son



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.15	2.66	17.69	14.00	4.73	3.90	57.89	7.88	5.00
10.90	4.15	12.50	9.00	6.03	10.00	63.17	3.25	2.50
9.90	2.25	10.50	9.50	5.63	4.60	67.29	4.43	4.00
10.33	2.30	11.19	9.50	4.98	4.60	66.40	4.80	4.00
10.85	11.00	19.50	20.00	16.63	18.00	39.19	2.83	2.50
13.23	3.50	10.75	8.00	7.05	10.00	61.79	3.68	2.00
12.88	3.70	10.00	9.00	9.43	15.00	60.44	3.55	2.00
12.60	3.93	10.44	9.00	8.53	10.00	61.02	3.48	3.00
9.13	1.92	11.06	9.50	4.40	5.00	69.14	4.35	4.00
13.23	4.00	12.44	12.00	5.27	8.00	60.91	4.15	4.00
12.50	2.32	10.56	10.00	5.02	6.00	65.00	4.60	3.25
10.33	3.41	10.38	9.50	5.60	9.00	67.20	3.08	3.00
12.78	4.43	10.38	10.00	7.85	10.00	60.68	3.88	3.20

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6120	S. V. Osborn Estate, Branford. Osborn Provender	Branford: S. V. Osborn Estate .....
7904	Park & Pollard Co. Inc., Buffalo, N. Y. Chelsea	Thomaston: Thomaston Grain & Coal Co. ....
7903	Park & Pollard Co. Inc., Buffalo, N. Y. Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$	Thomaston: Thomaston Grain & Coal Co. ....
7722	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard	Norwalk: Frank Libner & Sons .....
8197	Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico. .... Peevee Alfalfa Meal	Danielson: Young Bros. Co. .
7830	Pratt Food Co., Hammond, Ind. Oat Feed (Buffalo Mills)	Seymour: Seymour Grain & Coal Co. ....
7832	Pratt Food Co., Hammond, Ind. . . Pratt's	Norwalk: Frank Libner & Sons .....
7833	Pratt Food Co., Hammond, Ind. Pratt's, with Alfalfa	Norwalk: Frank Libner & Sons .....
7885	Pratt Food Co., Hammond, Ind. Pratt's Utility	Bristol: Bristol Supply Co. .
6246	Quaker Oats Co., Chicago, Ill. . Banner Feed	Seymour: Seymour Grain & Coal Co. ....
8319	Quaker Oats Co., Chicago, Ill. Horse Power	East Wallingford: D. W. Ives
7646	Quaker Oats Co., Chicago, Ill. Quaker Green Cross	Branford: S. V. Osborn Estate .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.55	2.23	10.75	10.00	6.68	8.00	64.29	4.50	4.00
11.45	6.80	10.06	8.00	14.60	12.00	54.66	2.43	2.00
10.43	2.82	11.88	10.00	8.03	8.00	62.14	4.70	3.00
12.35	3.25	12.94	10.00	7.85	9.00	59.53	4.08	3.50
7.73	10.30	19.75	20.00	17.95	20.00	41.54	2.73	2.50
8.17	5.81	7.25	4.00	23.23	30.00	52.66	2.88	1.50
12.45	4.05	11.00	9.00	7.90	10.00	60.35	4.25	2.00
12.80	4.50	11.00	9.00	9.45	14.00	58.42	3.83	2.50
11.73	4.37	9.75	6.50	7.60	12.00	63.37	3.18	1.50
6.68	6.50	13.06	13.00	18.27	18.00	51.09	4.40	4.50
9.58	5.34	10.63	9.50	7.20	11.00	64.05	3.20	2.80
13.00	4.68	11.06	10.00	9.78	12.00	58.08	3.40	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7868	Quaker Oats Co., Chicago, Ill. Quaker Thorobred	Plainville: W. S. Eaton .....
6113	Quaker Oats Co., Chicago, Ill. Sugared Vim Feed	Branford: S. V. Osborn Estate .....
6245	Quaker Oats Co., Chicago, Ill. . . . Vim Feed	Seymour: Seymour Grain & Coal Co. ....
7726	Ralston Purina Co., St. Louis, Mo. Purina Bulky Las Chow (Buffalo Mill)	New Canaan: Clapboard Hill Feed Co. ....
7728	Ralston Purina Co., St. Louis, Mo. Purina Bulky O-Molene Chow	Ridgefield: Ridgefield Lumber Co. ....
7990	Ralston Purina Co., St. Louis, Mo. Purina Checkerboard Rolled Oats (Steam Cooked) .....	Manchester: Manchester Grain Co. ....
7730	Ralston Purina Co., St. Louis, Mo. Purina O-Molene Chow	Ridgefield: Ridgefield Lumber Co. ....
7706	Ralston Purina Co., St. Louis, Mo. Protena Sweet Roughage Feed	Stamford: Clapboard Hill Feed Co. ....
7687	Seymour Grain & Coal Co., Seymour. Miracle Molasses	Seymour: Seymour Grain & Coal Co. ....
8006	St. Albans Grain Co., St. Albans, Vt. . King	Willimantic: Willimantic Grain Co. ....
7763	St. Albans Grain Co., St. Albans, Vt. Wirthmore Fodder Greens	Meriden: H. Grulich .....
7598	St. Albans Grain Co., St. Albans, Vt. Wirthmore	Southport: C. Buckingham & Co. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.55	3.36	10.63	10.50	5.48	9.00	64.85	4.13	3.50
8.25	6.53	5.63	5.00	24.02	27.50	53.94	1.63	1.25
5.78	7.00	5.75	5.00	28.81	30.00	50.81	1.85	2.00
13.03	7.68	12.00	9.00	12.37	15.00	52.04	2.88	1.30
12.05	4.69	10.63	9.70	9.55	11.00	58.68	4.40	3.20
9.50	1.72	15.75	14.50	1.58	2.50	65.45	6.00	6.00
12.85	4.42	10.38	9.70	7.60	9.00	60.72	4.03	3.20
12.33	6.98	8.25	6.00	22.69	30.00	47.92	1.83	1.00
13.28	4.16	11.13	10.00	6.88	7.00	59.65	4.90	3.50
11.25	4.65	9.63	9.50	7.10	9.00	63.64	3.73	3.00
13.38	7.24	11.25	9.00	12.97	19.00	52.81	2.35	1.25
12.78	3.07	10.38	9.80	5.99	9.00	63.93	3.85	3.25

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
8311	D. A. Stickell & Sons, Hagerstown, Md. Su-Pur Horse and Mule	East Hartford: Stowe & Rondeau .....
8018	Syracuse Milling Co., Syracuse, N. Y. Jordan, with Molasses	Colchester: P. Cutler, Inc. ....
7610	Syracuse Milling Co., Syracuse, N. Y. Syragold, with Molasses	East Bridgeport: J. Simons ..
7746	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Derby Ground Corn and Oats	Bethel: Morrison & Dunham ..
7621	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Neverfail	Torrington: Litchfield Co-operative Association ...
7953	F. S. Wertz & Son, Reading, Pa. Wertz's, with Alfalfa and Molasses	Long Hill: Long Hill Feed Store .....
8022	Yantic Grain & Products Co., Norwich. Al-Mo	Willimantic: Boston Grain Co.
7937	Yantic Grain & Products Co., Norwich. Big (Y)	Hamden: Hamden Grain Co. ..
<b>Dairy feeds</b>		
7741	Allied Mills, Inc., Chicago, Ill. . Amco 20%	Danbury: C. S. Barnum & Son
7731	Allied Mills, Inc., Chicago, Ill. . Amco 24%	Danbury: C. S. Barnum & Son
8163	Allied Mills, Inc., Chicago, Ill. Amco 20% National	Bristol: A. J. Bower .....
7908	Allied Mills, Inc., Chicago, Ill. Amco 16½% Sucrene	Riverton: L. A. Coe .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.58	3.76	11.50	9.00	5.63	12.00	65.48	3.05	2.50
11.95	5.39	8.50	7.00	11.38	12.00	59.50	3.28	2.00
10.95	3.26	9.38	8.00	9.54	12.00	63.42	3.45	2.50
11.08	2.75	11.75	9.20	6.78	8.00	62.84	4.80	4.00
12.78	3.89	11.56	10.00	6.17	10.00	61.47	4.13	3.50
11.20	3.78	11.75	9.00	7.70	10.00	62.12	3.45	2.00
11.00	6.00	13.25	11.00	18.73	15.00	48.89	2.13	1.50
12.23	2.73	10.63	10.00	7.83	7.00	62.78	3.80	3.00
10.78	6.15	21.63	20.00	6.49	9.00	51.22	3.73	3.50
10.28	6.41	24.63	24.00	6.73	9.00	48.22	3.73	3.50
9.68	7.58	21.50	20.00	6.80	9.00	50.44	4.00	3.50
11.40	5.74	16.88	16.50	8.83	12.00	53.10	4.05	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7823	Allied Mills, Inc., Chicago, Ill. Wayne 20% Surenc	Bethlehem: A. T. Miner . . . .
7781	Arcady Farms Milling Co., Chicago, Ill. Advanced Registry	New Britain: S. P. Strople . . .
7773	Arcady Farms Milling Co., Chicago, Ill. Milkers Ready Ration	Meriden: Raymond Ives . . . . .
7775	Arcady Farms Milling Co., Chicago, Ill. Old Colony	Meriden: Raymond Ives . . . . .
8305	Arcady Farms Milling Co., Chicago, Ill. Peerless Milk Ration	New Britain: S. P. Strople . .
8151	Arcady Farms Milling Co., Chicago, Ill. Sweet 16	Danielson: Kennedy Corp., Inc. . . . .
8010	E. W. Bailey & Co., Montpelier, Vt. . Capital	Lebanon: Berkman Grain Co. .
8011	E. W. Bailey & Co., Montpelier, Vt. Favorite	Lebanon: Berkman Grain Co. .
7635	E. W. Bailey & Co., Montpelier, Vt. Sweetened Capital	Guilford: F. H. Rolf, Inc. . . .
7656	E. W. Bailey & Co., Montpelier, Vt. Sweetened Favorite	Derby: Derby Feed Store . . . . .
7605	Beacon Milling Co. Inc., Cayuga, N. Y. Auburn	Bridgeport: Herbert C. Ferris
7742	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon	Danbury: C. S. Barnum & Son



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.63	6.67	21.56	20.00	7.38	12.50	50.13	3.63	3.50
9.38	6.22	25.50	25.00	9.55	10.00	45.10	4.25	4.50
10.65	7.29	22.56	22.00	10.18	12.00	45.27	4.05	4.00
10.48	2.55	20.63	20.00	9.55	12.00	52.51	4.28	3.50
10.73	13.19	20.13	20.00	8.45	12.00	44.32	3.18	4.00
8.78	9.75	17.38	16.00	12.05	12.50	47.61	4.43	4.00
9.60	7.35	25.50	24.00	7.50	9.00	45.45	4.60	5.00
9.90	6.34	23.13	20.00	8.15	7.50	47.95	4.53	4.50
11.40	7.34	24.75	24.00	7.02	9.00	44.81	4.68	5.00
11.05	6.69	21.88	20.00	6.65	7.50	49.35	4.38	4.50
11.30	7.39	21.13	20.00	6.09	10.00	50.04	4.05	4.00
10.63	6.99	24.75	24.00	8.45	9.00	44.63	4.55	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7604	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Sweet "24"	Bridgeport: Herbert C. Ferris
7666	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon "20"	Shelton: Shelton Feed Co. . . .
7619	Black Rock Milling Corp., Buffalo, N. Y. Bidwell 20%	West Cheshire: Cheshire Grain & Coal Co. . . . .
7710	Black Rock Milling Corp., Buffalo, N. Y. Bidwell 24%	Norwalk: Frank Libner & Sons
6472	A. D. Bridge's Sons, Inc., Hazardville. Success	Hazardville: A. D. Bridge's Sons, Inc. . . . .
8017	L. Broder Grain Store, Colchester. L. B. Milk Ration	Colchester: L. Broder Grain . . Store . . . . .
7829	C. Buckingham & Co., Southport. . . . C. B.	Southport: C. Buckingham & Co. . . . .
8245	C. W. Campbell Co., Westerly, R. I. Milky Ration	Groton: C. W. Campbell Co. . .
8566	C. W. Campbell Co., Westerly, R. I. Milky Ration	Groton: C. W. Campbell Co. . .
8251	C. W. Campbell Co., Westerly, R. I. No-Botheration Dairy Ration	Westerly: C. W. Campbell Co.
7872	Chapin & Co., Hammond, Ind. Ajax Dairy Ration 24%	Bristol: C. A. Cowles . . . . .
7871	Chapin & Co., Hammond, Ind. Unicorn Dairy Ration 20%	Bristol: C. A. Cowles . . . . .

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.08	7.03	24.69	24.00	5.99	9.00	47.21	4.00	4.00
11.25	6.73	20.88	20.00	7.28	9.00	48.81	5.05	4.50
11.10	7.49	20.63	20.00	9.05	11.00	47.23	4.50	4.00
11.05	6.94	23.00	24.00	7.35	11.00	47.46	4.20	4.00
9.23	2.38	21.06	20.00	11.28	9.50	51.77	4.28	5.20
10.25	6.20	21.38	20.00	7.03	8.50	49.99	5.15	5.00
10.25	7.45	24.63	22.81	8.55	9.40	44.17	4.95	4.60
9.33	6.48	21.25	20.00	7.30	8.00	51.51	4.13	4.50
9.88	6.44	21.25	20.00	7.20	8.00	51.50	3.73	4.50
9.15	5.87	21.19	20.00	6.15	8.00	52.36	5.28	5.00
10.10	8.46	24.38	24.00	8.00	10.00	44.58	4.48	4.50
10.55	7.65	21.63	20.00	8.25	10.00	47.37	4.55	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7873	Chapin & Co., Hammond, Ind. Unicorn Dairy Ration 24%	Bristol: C. A. Cowles .....
7798	Coles Co., Middletown. Capitol 20% Molasses	Plantsville: Atwater Mills ...
8013	Coles Co., Middletown. Selco 24% Molasses	Middletown: Coles Co. ....
8258	G. E. Conkey Co., Cleveland, Ohio. Conkey's 24% Protein	Ansonia: A. Hodos & Son ....
7800	C. A. Cowles, Plantsville. Cowles' 20% Dairy Ration	Plantsville: C. A. Cowles ...
7805	C. A. Cowles, Plantsville. Cowles' 24 % Dairy Ration	Plantsville: C. A. Cowles ....
8021	P. Cutler, Inc., Colchester. Prosperity Dairy Ration	Colchester: P. Cutler, Inc. ....
8237	P. Cutler, Inc., Colchester. Prosperity Special	Colchester: P. Cutler, Inc. ....
7675	R. G. Davis & Sons, New Haven. .... Basic	Milford: Milford Grain Co. ...
7680	R. G. Davis & Sons, New Haven. 20% Open Formula	Ansonia: Ansonia Flour & Grain Co. ....
7740	Delaware Mills, Inc., Deposit, N. Y. Delaware	Danbury: C. S. Barnum & Son
8215	Delaware Mills, Inc., Deposit, N. Y. Delaware Sweet 24%	Colchester: J. Boretz .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.68	8.62	25.44	24.00	8.20	10.00	42.48	4.58	4.50
11.23	7.31	20.75	20.00	12.95	11.00	44.36	3.40	4.00
9.90	7.85	24.00	24.00	10.20	10.00	43.55	4.50	4.50
8.65	6.25	25.75	24.00	7.55	9.00	47.45	4.35	5.00
10.13	7.06	23.13	20.00	8.88	10.00	45.80	5.00	5.00
9.88	5.57	23.88	24.00	9.60	10.00	45.84	5.23	6.00
9.25	6.23	24.88	24.00	6.18	9.00	49.10	4.36	4.00
9.10	6.48	22.00	20.00	7.23	9.00	50.21	4.98	4.00
11.50	5.88	22.00	20.00	7.73	9.00	48.49	4.40	4.50
11.78	7.79	20.56	20.00	5.75	8.00	49.91	4.21	4.00
9.88	7.09	25.75	23.00	7.65	10.00	43.68	5.95	5.00
10.43	6.43	23.63	24.00	6.88	10.00	47.80	4.83	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7839	Delaware Mills, Inc., Deposit, N. Y. Delco 20 %	Plainville: F. B. Newton ....
7987	Delaware Mills, Inc., Deposit, N. Y. N. Y. Feed and Grain Special	Hartford: N. Y. Grain & Feed Co. ....
8028	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's A-1	Putnam: Bosworth Bros. ....
8027	Dietrich & Gambrill, Inc., Frederick, Md. Pen-Mar	Putnam: Bosworth Bros. ....
7749	Eastern States Farmers' Exchange, Spring- field, Mass. .... Eastern States Fulpail	North Haven: Ridgewood Farm ....
6323	Eastern States Farmers' Exchange, Spring- field, Mass. .. Eastern States Highland 20	Bridgeport: J. H. Sherwood ..
8156	Eastern States Farmers' Exchange, Spring- field, Mass. .... Eastern States Milkmore	Norwich: A. E. Shedd ....
7921	Eastern States Farmers' Exchange, Spring- field, Mass. .... Eastern States Sixteen Dairy Ration .....	Norfolk: W. A. Spaulding ...
8191	Elmore Milling Co. Inc., Oneonta, N. Y. Economilk	Amston: Amston Grain Mill ..
7916	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Sweet Digesto	Winsted: Chas. R. Hawley ..
7810	Elmore Milling Co. Inc., Oneonta, N. Y. Emco	Plainville: F. B. Newton ....
7914	Elmore Milling Co. Inc., Oneonta, N. Y. Otsego Economy Ration	Winsted: Chas. R. Hawley ..

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.40	5.60	23.13	20.00	8.83	11.00	47.49	5.55	4.00
9.70	6.40	24.00	24.00	9.35	8.00	45.52	5.03	5.00
10.23	7.84	24.13	24.00	8.63	9.00	44.64	4.53	5.00
10.68	7.34	21.88	20.00	8.83	9.00	46.99	4.28	4.00
11.10	5.91	20.38	20.00	7.55	8.00	50.56	4.50	4.50
9.65	7.02	20.00	20.00	11.18	12.00	48.40	3.75	4.00
9.28	6.45	25.75	24.00	7.75	8.00	46.29	4.48	4.50
10.43	6.02	18.50	16.00	7.75	8.00	52.50	4.80	4.00
10.33	8.46	20.13	20.00	10.23	11.00	46.70	4.15	4.00
11.48	7.05	18.25	16.00	11.80	12.00	47.09	4.33	4.00
11.13	6.27	21.25	20.00	9.25	10.00	48.65	3.45	4.50
11.08	8.17	20.38	20.00	9.10	11.00	47.39	3.88	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7790	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified 24% Dairy Ration	New Britain: Wm. Cohen ....
7837	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Challenge	New Britain: Wm. Cohen ....
7752	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Conestoga 20	Wallingford: A. E. Hall. ....
7694	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster 20	So. Norwalk: Roodner Feed Co. ....
7089	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Open Formula 20	New Haven: Moran-Patton Co.
8196	John W. Eshelman & Sons, Lancaster, Pa. Eshelman's Pennsy 16	Putnam: Dayville Grain & Coal Co. ....
7751	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 24	Wallingford: A. E. Hall. ....
7814	Flory Milling Co., Bangor, Pa. .... Record	New Haven: Moran-Patton Co.
8348	J. B. Garland & Son, Worcester, Mass. Royal Worcester Complete Ration	North Grosvenordale: Thompson Grain Co. ....
7718	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Dairy Ration	Norwalk: Frank Libner & Sons ....
7894	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Sweetened 20%	Portland: Valley Mills. ....
8192	D. H. Grandin Milling Co., Jamestown, N. Y. M-S (Money Saver) 20% Sweet	Warrenville: Ashford Co- operative Association ...



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.30	7.89	26.63	24.00	7.48	8.00	43.07	4.63	4.50
10.53	8.44	25.00	24.00	8.63	11.00	42.52	4.88	4.00
11.33	8.19	23.25	20.00	8.28	11.00	45.00	3.95	4.00
11.23	7.51	21.88	20.00	7.48	11.00	47.90	4.00	4.00
10.49	8.19	23.75	20.00	8.49	9.00	44.95	4.13	4.00
11.13	8.35	17.81	16.00	8.28	11.00	51.13	3.30	3.00
10.68	7.77	25.00	24.00	8.03	11.00	44.19	4.33	4.00
11.28	7.65	22.50	20.00	9.33	9.00	45.01	4.23	5.00
9.45	7.72	20.63	20.00	7.00	10.00	51.15	4.05	3.00
10.23	7.87	21.88	20.00	7.83	8.50	47.34	4.85	5.00
11.13	7.35	22.38	20.00	7.90	10.00	46.46	4.78	4.00
10.35	7.66	22.75	20.00	8.08	12.00	46.78	4.38	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7761	Laden Bros. Co. Inc., Wallingford. . . Laden's	Wallingford: Laden Bros. Inc.
7696	Larrowe Milling Co., Detroit, Mich. . . Larro (The Ready Ration for Dairy Cows)	So. Norwalk: Roodner Feed Co. ....
7782	C. W. Lines Co., New Britain. Mill Pride Dairy Ration	New Britain: C. W. Lines Co.
7951	The Long Hill Feed Store, Long Hill. Square Deal Dairy Ration	Long Hill: Long Hill Feed Store ....
8352	E. Manchester & Sons, Winsted. . Red Star	Winsted: E. Manchester & Sons ....
7912	E. Manchester & Sons, Winsted. . . . Special	Winsted: E. Manchester & Sons ....
8233	E. Manchester & Sons, Winsted. Red Star Sweet Sixteen	Winsted: E. Manchester & Sons ....
7946	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand "20" Dairy Ration, Sweetened	Brookfield: S. A. Smith .....
7947	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand "24" Dairy Ration, Sweetened	Brookfield: S. A. Smith .....
8234	Maritime Milling Co. Inc., Buffalo, N. Y. B. B. Marmico 16% Protein with Molasses	Kent: H. H. Taylor & Son ....
7963	Maritime Milling Co. Inc., Buffalo, N. Y. B. B. Hi Test 20%, Sweetened	Collinsville: Rourke-Robotham
7768	Meech & Stoddard, Inc., Middletown. . . Red Wing Dairy Ration with Brewers Grains	Meriden: Meriden Grain & Coal Co. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.95	6.79	21.38	20.00	7.99	9.00	47.01	4.88	4.50
10.53	6.11	21.50	20.00	8.96	12.00	48.92	3.98	4.00
10.55	7.44	24.31	24.00	7.73	10.00	45.36	4.61	5.00
9.70	7.57	20.63	20.00	10.95	10.00	46.75	4.40	5.00
9.30	6.59	23.56	23.00	6.93	10.00	49.07	4.55	4.00
10.70	5.85	21.13	20.00	7.88	10.00	49.29	5.15	4.00
9.85	6.10	18.50	16.00	7.53	10.00	52.47	5.55	4.00
10.68	9.01	21.63	20.00	8.58	11.00	45.32	4.78	4.50
10.60	8.38	25.50	24.00	8.98	11.00	42.16	4.38	4.50
10.48	11.09	16.00	16.00	10.55	12.00	46.95	4.93	4.00
10.75	7.39	21.63	20.00	9.38	12.00	46.35	4.50	4.50
9.80	8.09	19.63	20.00	11.97	12.00	44.73	5.78	5.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
8341	Meech & Stoddard, Inc., Middletown. . . Red Wing Special Dairy Ration with Brewers Grains .....	Middletown: Meech & Stoddard, Inc. ....
6222	Mennel Milling Co., Toledo, Ohio. Memo 16%	Plainville: W. S. Eaton .....
8318	Mennel Milling Co., Toledo, Ohio. Memo 16%, Sweet	East Wallingford: D. W. Ives
7797	Mennel Milling Co., Toledo, Ohio. Memo 20%	Plantsville: Atwater Mills ....
7988	Mennel Milling Co., Toledo, Ohio. Memo 22%, Sweet	Glastonbury: Stanley Melzen .
7853	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's 20%, with Molasses	Higganum: Felix Petrofsky ..
7856	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's 24% Dairy Ration	Higganum: Felix Petrofsky ..
7638	Fred C. Morse & Son, Guilford. Old Mill 20%	Guilford: Fred C. Morse & Son
7639	Fred C. Morse & Son, Guilford. Old Mill 24%	Guilford: Fred C. Morse & Son
8342	Ontario Milling Co. Inc., Oswego, N. Y. Big Value	Middletown: P. Levson & Son
8317	Ontario Milling Co. Inc., Oswego, N. Y. Big Value 16%, with Molasses	Sharon: Frank A. Wike & Co.
7862	Ontario Milling Co. Inc., Oswego, N. Y. Big Value 20%, with Molasses	Middletown: P. Levson & Son

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
7.63	6.91	22.63	24.00	10.65	12.00	45.10	7.08	5.50
11.10	5.53	16.69	16.00	7.98	12.00	54.25	4.45	3.50
8.63	5.11	14.75	16.00	7.45	12.00	60.48	3.58	3.50
11.08	5.70	18.88	20.00	10.83	12.00	48.93	4.58	4.50
11.53	6.34	21.25	22.00	7.40	12.00	49.80	3.68	3.50
9.90	9.79	20.00	20.00	10.10	11.00	45.58	4.63	4.50
9.83	8.03	25.00	24.00	8.05	10.00	44.11	4.98	5.00
11.15	6.83	21.88	20.00	7.09	9.00	48.05	5.00	4.50
10.90	6.80	25.00	24.00	7.25	9.00	45.07	4.98	5.00
8.98	6.03	21.75	20.00	7.98	10.00	49.91	5.35	4.50
9.98	6.19	18.88	16.00	6.33	10.00	55.67	2.95	3.50
12.15	6.93	21.88	20.00	7.43	10.00	46.71	4.90	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7861	Ontario Milling Co. Inc., Oswego, N. Y. Butterfat, with Molasses	Middletown: P. Levson & Son
8344	Ontario Milling Co. Inc., Oswego, N. Y. Oswego 20%, with Molasses	Middlefield: Terrell & Burnham .....
7864	Ontario Milling Co. Inc., Oswego, N. Y. Uncle John's 24% Cream Pot Ration	Middletown: P. Levson & Son
7820	Park & Pollard Co., Inc., Buffalo, N. Y. Bet-R-Milk 20% Ration	Woodbury: C. L. Adams Co. ..
7620	Park & Pollard Co., Inc., Buffalo, N. Y. Claco Dairy Ration	West Cheshire: Cheshire Grain & Coal Co. ....
7930	Park & Pollard Co. Inc., Buffalo, N. Y. Holcomb's Sweetened 20% Dairy Ration	Newtown: R. H. Holcomb & Co. ....
7617	Park & Pollard Co. Inc., Buffalo, N. Y. Milk Maid 24% Sweetened Dairy Ration	West Cheshire: Cheshire Grain & Coal Co. ....
7811	Park & Pollard Co. Inc., Buffalo, N. Y. Overall 24%	Plantsville: F. B. Newton ....
7906	Park & Pollard Co. Inc., Buffalo, N. Y. Herdhelth 16% Ration	New Hartford: G. W. Case, Inc. ....
7721	Park & Pollard Co. Inc., Buffalo, N. Y. Top Notch 16% Ration	Norwalk: Frank Libner & Sons .....
7883	Pratt Food Co., Hammond, Ind. Pratt's Sweet 20%	Bristol: Bristol Supply Co. ...
8307	Pratt Food Co., Hammond, Ind. Pratt's Sweet 24%	Bristol: Bristol Supply Co. ...

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.05	7.03	25.13	24.00	7.53	10.00	44.33	4.93	5.00
10.00	7.28	20.38	20.00	9.63	12.00	48.21	4.50	4.00
10.40	6.46	25.00	24.00	7.75	9.00	44.96	5.43	5.50
11.33	7.46	20.75	20.00	7.70	9.00	48.61	4.15	4.00
11.85	6.48	21.69	20.00	7.24	9.00	48.04	4.70	4.50
11.10	6.79	21.69	20.00	7.38	9.00	48.76	4.28	4.00
11.58	7.45	24.00	24.00	7.76	11.00	44.48	4.73	4.50
10.08	7.05	26.50	24.00	7.90	9.00	43.47	5.00	4.50
10.83	7.53	18.25	16.00	7.63	9.00	51.81	3.95	3.50
11.10	7.49	17.31	16.00	10.63	12.00	48.84	4.63	3.50
10.35	7.16	21.75	20.00	11.00	12.00	45.34	4.40	4.00
8.78	7.89	26.00	24.00	8.88	10.00	44.17	4.28	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7982	H. C. Puffer Co., Springfield, Mass. Monarch, Sweetened	East Hartford: Stowe & Ron- deau .....
7886	H. C. Puffer Co., Springfield, Mass. Producer 24%	Simsbury: Woods-Chandler Co.
8208	H. C. Puffer Co., Springfield, Mass. Producer 20%	Simsbury: Woods-Chandler Co. ....
7981	H. C. Puffer Co., Springfield, Mass. Sweetened Producer 20%	East Hartford: Stowe & Ron- deau .....
7690	Quaker Oats Co., Chicago, Ill. Quaker 20% Protein Dairy Ration	Saugatuck: Saugatuck Grain Co. ....
7691	Quaker Oats Co., Chicago, Ill. Quaker 24% Protein Dairy Ration	Saugatuck: Saugatuck Grain Co. ....
8016	Ralston Purina Co., St. Louis, Mo. Protena 16%	Portland: Valley Mills .....
7724	Ralston Purina Co., St. Louis, Mo. Protena 20%	New Canaan: Clapboard Hill Feed Co. ....
7991	Ralston Purina Co., St. Louis, Mo. Protena 24%	Manchester: Manchester Grain Co. ....
7707	Ralston Purina Co., St. Louis, Mo. Purina 20% Cow Chow (Buffalo Mill)	Stamford: Clapboard Hill Feed Co. ....
7831	Ralston Purina Co., St. Louis, Mo. Purina 24% Cow Chow (Buffalo Mill)	Stamford: Clapboard Hill Feed Co. ....
6450	Ralston Purina Co., St. Louis, Mo. Purina 34% Cow Chow	Rockville: Rockville Grain & Coal Co. ....



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
8.63	6.22	21.25	20.00	12.40	12.50	47.90	3.60	3.50
9.60	6.72	26.13	24.00	7.38	8.50	45.49	4.68	4.00
9.30	6.60	22.50	20.00	7.10	8.50	49.72	4.78	4.00
8.93	6.63	21.50	20.00	11.55	12.50	47.11	4.28	3.50
10.95	6.16	21.31	20.00	10.71	12.00	46.72	4.15	3.25
9.70	8.81	24.94	24.00	11.08	12.00	41.12	4.35	4.00
10.93	6.82	18.00	16.00	12.40	14.00	46.47	5.38	3.00
9.90	6.83	20.38	20.00	11.85	14.00	45.16	5.88	3.00
9.93	7.18	24.25	24.00	11.33	12.00	42.93	4.38	3.00
11.60	5.56	21.88	20.00	11.00	12.00	45.61	4.35	3.00
10.65	6.97	25.13	24.00	9.80	12.00	42.67	4.78	3.00
9.38	6.93	34.94	34.00	10.87	12.00	33.00	4.88	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7565	Wolf Savitsky, Shelton. Wolf's Dairy Ration	Shelton: Wolf Savitsky .....
7682	Seymour Grain & Coal Co., Seymour. Miracle Cow Feed	Seymour: Seymour Grain & Coal Co. ....
7689	Seymour Grain & Coal Co., Seymour. See-More Milk	Seymour: Seymour Grain & Coal Co. ....
6236	I. Sovitsky Grain and Coal Co., Ansonia Ansonia 20% Protein, Sweetened	Ansonia: I. Sovitsky Grain & Coal Co. ....
7764	St. Albans Grain Co., St. Albans, Vt. Hygrade 16 Sweetened Milk Ration	Meriden: H. Grulich .....
7762	St. Albans Grain Co., St. Albans, Vt. Hygrade 20 Sweetened Milk Ration	Meriden: H. Grulich .....
7901	St. Albans Grain Co., St. Albans, Vt. Hygrade 24 Sweetened Milk Ration	Naugatuck: Naugatuck Fruit & Produce Co. ....
8005	St. Albans Grain Co., St. Albans, Vt. King 22 Milk Ration, Sweetened	Willimantic: Willimantic Grain Co. ....
7942	St. Albans Grain Co., St. Albans, Vt. Paragon, Sweetened	New Milford: Geo. T. Soule Co. ....
7931	St. Albans Grain Co., St. Albans, Vt. Paragon, Unsweetened	Stepney: M. Nusbaum .....
7778	St. Albans Grain Co., St. Albans, Vt. Utility Dairy Ration	Kensington: S. F. Labieniec ..
7779	St. Albans Grain Co., St. Albans, Vt. Wirthmore 25 Balanced Ration	Kensington: S. F. Labieniec ..

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.58	7.44	22.81	20.00	7.42	10.00	46.90	4.85	4.50
11.25	7.11	22.56	20.00	7.60	9.00	47.28	4.20	4.50
10.68	7.73	22.00	20.00	7.36	8.50	47.18	5.05	4.50
8.73	7.35	20.06	20.00	10.60	11.00	48.83	4.43	4.75
12.75	6.82	18.00	16.00	7.10	8.50	50.95	4.38	3.50
11.85	5.67	20.75	20.00	7.79	8.50	49.83	4.11	4.00
11.08	7.55	24.88	24.00	7.30	9.00	44.74	4.45	4.00
10.63	7.56	23.38	22.00	8.83	9.00	45.47	4.13	4.50
10.43	7.24	18.75	20.00	11.93	11.00	47.49	4.16	3.25
9.53	6.85	20.81	22.00	12.35	12.00	46.33	4.13	4.00
11.23	8.17	19.13	20.00	9.40	10.50	48.32	3.75	3.50
10.35	6.09	25.69	25.00	8.33	9.00	44.31	5.23	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7703	St. Albans Grain Co., St. Albans, Vt. Wirthmore 25 Balanced Ration, Sweetened	Noroton: Davis Grain Co. ....
7673	St. Albans Grain Co., St. Albans, Vt. Wirthmore 16 Dairy Ration, Sweet	Milford: Milford Grain Co. .
7974	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20	Suffield: Spencer Bros. ....
7651	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20, Sweetened	Branford: S. V. Osborn Estate .....
7966	St. Albans Grain Co., St. Albans, Vt. Wirthmore, with Beet Pulp, Sweetened	Granby: E. H. Rollins .....
7725	Syracuse Milling Co., Syracuse, N. Y. Syragold	New Canaan: Clapboard Hill Feed Co. ....
7967	Syracuse Milling Co., Syracuse, N. Y. Syragold, Sweetened	Granby: E. H. Rollins .....
6242	Syracuse Milling Co., Syracuse, N. Y. Syragold Milk Ration	Ansonia: A. Hodos & Son ....
7632	Thomaston Supply Co., Thomaston. Thomaston Dairy	Thomaston: Thomaston Supply Co. ....
7870	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... E-Gee	Plainville: W. S. Eaton ..
7745	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Red Brand Ti-O-Ga	Bethel: Morrison & Dunham
6470	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... White Brand Ti-O-Ga	New Milford: Geo. T. Soule .

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.65	6.91	26.88	25.00	8.08	8.50	42.85	4.63	4.75
11.90	6.56	18.25	16.00	5.85	8.00	53.04	4.40	4.00
9.65	6.22	22.31	20.00	8.18	8.50	48.56	5.08	5.00
11.83	6.03	21.19	20.00	6.18	8.00	50.09	4.68	4.75
11.40	7.57	21.25	20.00	7.83	11.00	48.15	3.80	4.00
10.25	6.51	24.25	24.00	9.38	12.00	44.91	4.70	4.50
9.45	4.14	25.13	24.00	9.28	12.00	47.80	4.20	4.50
8.95	7.22	20.00	20.00	10.82	12.00	48.56	4.45	4.00
10.75	8.15	22.38	20.00	8.95	9.00	45.67	4.10	5.00
11.15	6.77	22.19	20.00	8.60	10.00	45.66	5.63	3.50
11.65	7.10	25.50	24.00	7.63	10.00	43.42	4.70	4.50
11.18	6.38	20.69	20.00	6.90	10.00	50.48	4.37	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7940	West-Nesbit, Inc., Oneonta, N. Y. Pure Sweetfeed Dairy Ration	Winsted: Chas. R. Hawley ...
8214	West-Nesbit, Inc., Oneonta, N. Y. Super Pure Feed Dairy Ration	Manchester: Little & McKinney .....
8023	Yantic Grain & Products Co., Norwich; Abington	Abington: Weeks Bros. ....
7971	Yantic Grain & Products Co., Norwich. Big (Y) 24% Dairy Ration	Tariffville: Tariffville Grain Co. ....
7935	Yantic Grain & Products Co., Norwich. O. F. Dairy Ration 20%	Hamden: Hamden Grain Co.
7936	Yantic Grain & Products Co., Norwich. O. F. Dairy Ration 24%	Hamden: Hamden Grain Co. ...
<b>Stock feeds</b>		
8012	E. W. Bailey & Co., Montpelier, Vt. Bailey's Fitting Ration	Lebanon: Berkman Grain Co.
7653	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand	Derby: Derby Feed Store
7844	Beacon Milling Co., Inc., Cayuga, N. Y. Cayuga	Bethlehem: A. T. Miner
8247	C. W. Campbell Co., Westerly, R. I. Campbell Fitting Ration	Groton: C. W. Campbell Co.
7695	Crosby Milling Co., Brattleboro, Vt. Crosby's	So. Norwalk: Roodner Feed Co. ....
8220	P. Cutler, Inc., Colchester. .... Prosperity	Colchester: P. Cutler, Inc.

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.30	7.27	22.88	20.00	7.88	10.00	47.02	4.65	4.00
8.40	7.33	26.50	24.00	9.18	10.00	43.74	4.85	5.00
9.75	5.71	20.38	20.00	11.25	11.00	49.06	3.85	4.00
10.00	7.02	24.63	24.00	7.83	9.00	45.74	4.78	5.00
11.00	5.12	21.56	20.00	7.55	9.00	49.79	4.98	4.00
10.70	5.47	25.38	24.00	8.15	9.00	45.37	4.93	4.00
9.93	5.65	15.75	14.00	8.20	9.00	55.12	5.35	4.00
10.03	4.11	10.50	9.50	8.78	9.50	61.00	5.58	4.00
11.70	7.16	16.13	15.00	8.55	9.00	52.41	4.05	3.50
8.84	5.51	15.50	14.00	6.03	8.00	58.27	5.85	4.00
9.95	4.54	11.00	9.00	9.12	12.00	59.91	5.48	4.00
9.10	4.62	11.38	9.00	11.10	12.00	58.42	5.38	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7702	R. G. Davis & Sons, New Haven . . . . Davis	Noroton: Davis Grain Co. . . .
6198	Delaware Mills, Inc., Deposit, N. Y. Delaware	Southington: Southington Lumber Co. . . . .
8217	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's	Danielson: Young Bros. Co. . .
7920	Eastern States Farmers' Exchange, Spring- field, Mass. . . . Eastern States Fitting Ration	Norfolk: W. A. Spaulding . .
7899	Elmore Milling Co., Oneonta, N. Y. . Elmore	Naugatuck: Naugatuck Fruit & Produce Co. . . . .
7900	Elmore Milling Co., Oneonta, N. Y. Elmore Sugared Feedall	Naugatuck: Naugatuck Fruit & Produce Co. . . . .
7754	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified Fitting Ration	Wallingford: A. E. Hall . . . .
7787	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose	New Britain: Wm. Cohen . . . .
7795	John W. Eshelman & Sons, Lancaster, Pa. Eshelman S-O-S	New Britain: Wm. Cohen . . . .
7842	Flory Milling Co., Inc., Bangor, Pa. Flory's Certified Fitting Ration	New Haven: Moran-Patton Co.
7816	Flory Milling Co., Inc., Bangor, Pa. . Record	New Haven: Moran-Patton Co.
7893	D. H. Grandin Co., Jamestown, N. Y. Grandin's	Portland: Valley Mills . . . . .
8190	Hales & Hunter Co., Chicago, Ill. H. & H. Sugared	Lebanon: Berkman Grain Co.



## INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.40	3.91	10.75	10.00	8.84	14.00	60.77	5.33	2.00
9.25	6.30	9.19	9.00	12.32	12.00	60.19	2.75	3.00
9.70	6.12	11.63	10.00	9.88	12.00	59.54	3.13	3.25
11.33	6.30	15.00	12.00	7.40	7.00	55.49	4.48	3.50
8.80	4.85	9.75	10.00	11.85	12.00	59.30	5.45	3.00
9.43	6.58	14.44	10.00	11.58	12.00	54.14	3.83	3.00
9.98	6.44	16.81	12.00	7.07	7.00	55.65	4.05	3.50
9.75	4.21	10.00	9.00	10.15	11.00	61.66	4.23	3.00
13.18	11.26	12.50	11.00	12.98	15.00	47.43	2.65	2.00
11.40	4.38	14.56	12.00	7.30	16.00	56.83	5.53	3.50
10.03	5.60	10.50	9.00	13.48	12.00	56.04	4.35	3.50
9.33	4.48	10.25	8.50	11.70	12.00	58.99	5.25	4.00
10.35	8.45	15.63	10.00	8.05	12.00	52.92	4.60	3.25

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6241	Maritime Milling Co., Inc., Buffalo, N. Y. B. B. High Test, Sweetened	Ansonia: A. Hodos & Son ...
8209	Meech & Stoddard, Inc., Middletown. Red Wing	Middletown: Meech & Stoddard, Inc. ....
7848	Meech & Stoddard, Inc., Middletown. Red Wing Special	Essex: Meech & Stoddard, Inc.
7613	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's	Stratford: Z. C. Ingersoll ....
7640	Fred C. Morse & Son, Guilford. Old Mill Fitting Feed	Guilford: Fred C. Morse & Son .....
8350	Ontario Milling Co., Inc., Oswego, N. Y. Uncle John's	Moodus: M. Levine .....
7863	Ontario Milling Co., Inc., Oswego, N. Y. Uncle John's, with Molasses	Middletown: P. Levson & Son
7723	Park & Pollard Co., Inc., Buffalo, N. Y. Bison, Sweetened	Norwalk: Frank Libner & Sons
7719	Park & Pollard Co., Inc., Buffalo, N. Y. Fitting Ration	Norwalk: Frank Libner & Sons
7716	Park & Pollard Co., Inc., Buffalo, N. Y. Park & Pollard	Norwalk: Frank Libner & Sons
7601	Quaker Oats Co., Chicago, Ill. Quaker Schumacher Feed	Southport: C. Buckingham & Co. ....
7647	Quaker Oats Co., Chicago, Ill. Quaker Sugared Schumacher Feed	Branford: S. V. Osborn Estate .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.35	6.19	10.00	9.00	11.42	12.00	58.49	4.55	3.00
9.00	6.03	9.75	9.00	11.68	12.00	59.31	4.23	3.00
10.53	6.55	9.69	9.00	9.70	12.00	58.98	4.55	3.00
10.35	5.59	12.25	9.00	6.30	12.00	59.06	6.45	3.00
12.48	5.76	14.38	12.00	5.77	8.00	57.41	4.20	4.00
7.73	6.28	11.94	9.50	10.70	12.00	58.22	5.13	3.00
10.75	5.20	12.00	9.50	9.80	12.00	58.22	4.03	2.50
11.33	6.78	12.50	10.00	12.19	12.00	54.09	3.11	3.00
11.03	6.31	16.63	12.00	6.74	7.00	55.94	3.35	3.50
9.38	4.78	9.38	8.50	10.13	12.00	61.15	5.18	4.00
8.68	6.62	10.69	10.00	5.52	12.00	64.31	4.18	3.00
10.78	6.39	10.25	10.00	12.30	12.00	56.75	3.53	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
8008	Ralston Purina Co., St. Louis, Mo. Purina Bulky Cow Chow	Lebanon: Berkman Grain Co. . .
7708	Ralston Purina Co., St. Louis, Mo. Purina Fitting Chow	Stamford: Clapboard Hill Feed Co. ....
6464	Seymour Grain & Coal Co., Seymour Miracle Fitting Ration	Seymour: Seymour Grain & Coal Co. ....
6235	I. Sovitsky Grain & Coal Co., Ansonia. Ansonia	Ansonia: I. Sovitsky Grain & Coal Co. ....
6347	St. Albans Grain Co., St. Albans, Vt. Hygrade Fitting Ration or Stock Feed	Danbury: F. C. Benjamin . . . .
8004	St. Albans Grain Co., St. Albans, Vt. . King	Willimantic: Willimantic Grain Co. ....
7846	St. Albans Grain Co., St. Albans, Vt. Utility 60 Pasture Ration	Clinton: Clinton Grain Co. ....
6112	St. Albans Grain Co., St. Albans, Vt. Wirthmore 14 Fitting Ration	Branford: S. V. Osborn Estate ....
7744	St. Albans Grain Co., St. Albans, Vt. Wirthmore	Danbury: F. C. Benjamin . . . .
6322	Syracuse Milling Co., Syracuse, N. Y. Syragold	Kensington: A. S. Labieniec . .
7926	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Orco Feed	Hawleyville: W. A. Honan . .
7994	Yantic Grain & Products Co., Norwich. Big (Y) Fitting Ration	Rockville: Rockville Milling Co. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
10.18	6.68	21.25	16.00	10.25	12.00	48.04	3.60	3.00	
13.35	5.97	15.63	13.50	9.95	12.00	51.15	3.95	2.60	
10.35	7.10	14.94	12.00	7.57	8.00	55.06	4.98	4.00	
8.80	5.19	10.50	8.00	14.49	12.00	57.14	3.88	2.00	
9.30	6.84	13.63	10.00	12.02	12.00	55.08	3.13	3.25	
9.08	3.90	10.25	9.00	9.60	10.00	61.84	5.33	4.00	
10.78	7.03	14.00	14.00	14.03	13.00	51.01	3.15	3.00	
10.95	6.17	16.88	14.00	6.55	7.00	55.10	4.35	4.00	
10.10	4.11	10.88	9.00	10.43	9.50	58.40	6.08	4.00	
11.70	4.38	9.63	9.00	8.66	12.00	61.30	4.33	3.00	
11.73	8.99	19.44	16.00	9.58	12.00	46.31	3.95	3.00	
9.98	6.21	14.88	12.00	6.95	7.00	57.75	4.23	4.00	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds--(Continued)</b>		
8349	Yantic Grain & Products Co., Norwich. Big (Y)	East Haddam: East Haddam Grain Co. ....
7956	Yantic Grain & Products Co., Norwich. Big (Y) Sugared	Farmington: Farmington Grain Co. ....
8242	Yantic Grain & Products Co., Norwich. Big (Y) Sugared	Jewett City: Big Y Feed Store
<b>Calf feeds and other products</b>		
8161	Allied Mills, Inc., Chicago, Ill. Emergency Hog Feed	Bristol: A. J. Bower .....
6348	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Calf Meal	New Milford: W. L. Richmond .....
6452	Blatchford Calf Meal Co., Waukegan, Ill. Blatchford's Calf Meal	Middletown: Meech & Stoddard, Inc. ....
7923	Eastern States Farmers Exchange, Spring- field, Mass. ... Eastern States Calf Ration	Norfolk: W. A. Spaulding ...
7917	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore "Three Point" Calf Meal	Winsted: Chas. R. Hawley ...
7838	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Calf Starter	New Britain: Wm. Cohen ....
7850	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Hog Meal	Chester: Leet Bros. ....
7699	Larowe Milling Co., Detroit, Mich. Larro Hog Feed	So. Norwalk: Roodner Feed Co. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
8.15	4.23	10.50	9.00	11.03	12.00	61.29	4.80	4.00
10.13	4.03	8.13	9.00	11.75	12.00	61.98	3.98	4.00
8.40	6.86	9.13	9.00	11.75	12.00	58.58	5.28	4.00
9.95	6.67	17.88	14.00	5.88	7.00	55.99	3.63	3.00
9.48	4.74	25.00	25.00	3.48	6.00	54.02	3.28	3.00
9.10	8.02	24.38	24.00	6.15	6.75	47.45	4.90	5.00
11.48	3.10	12.63	10.50	6.23	7.00	62.18	4.38	3.50
10.80	3.05	24.88	24.00	3.15	4.00	53.62	4.50	4.00
10.05	3.32	23.13	18.00	4.80	5.00	54.15	4.55	3.00
10.63	6.59	17.38	16.00	6.70	10.00	53.65	5.05	5.00
10.53	7.36	19.38	18.00	7.68	10.00	49.85	5.20	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6409	Park & Pollard Co., Inc., Buffalo, N. Y. Milkade Calf Meal	Winsted: Leonard Grain Co. . .
7980	Quaker Oats Co., Chicago, Ill. Schumacher Calf Meal	Hazardville: Amos D. Bridge's Sons . . . . .
6433	Ralston Purina Co., St. Louis, Mo. Purina Calf Chow	Willimantic: Willimantic Grain Co. . . . .
8015	Ralston Purina Co., St. Louis, Mo. Purina Hog Fatena Chow	Portland: Valley Mills . . . . .
7765	St. Albans Grain Co., St. Albans, Vt. Wirthmore Calf Meal	Meriden: H. Grulich . . . . .
6178	St. Albans Grain Co., St. Albans, Vt. Wirthmore Pig and Hog, A Growing and Fattening Feed . . . . .	Milford: Milford Grain Co. . .
7927	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. . . . . Tioga Calf Food	Hawleyville: W. A. Honan . .
8218	Yantic Grain & Products Co., Norwich. Big (Y) Hog and Pig Ration	Norwich: Yantic Grain & Products Co. . . . .
<b>Poultry feeds</b>		
7975	Allied Mills, Inc., Chicago, Ill. . . . . Sucrene All Mash Poultry Feed with Cod Liver Oil	Suffield: R. J. C. Wetherell . .
6195	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Chick Starter	Plantsville: C. A. Cowles . . .
7925	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Grower	Falls Village: H. E. Dean . . .



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.15	9.00	23.88	20.00	5.85	6.50	42.87	9.25	7.00
8.33	5.07	20.75	18.00	3.25	4.00	55.45	7.15	7.50
9.65	5.51	29.25	27.00	3.68	4.50	48.01	3.90	3.20
11.70	6.82	15.75	14.00	5.63	7.00	56.27	3.83	3.00
10.38	4.81	24.63	24.00	3.88	4.00	50.75	5.55	5.50
11.03	7.45	19.38	17.00	5.59	9.00	51.57	4.98	4.00
10.70	7.11	23.69	21.00	5.33	7.00	48.52	4.65	4.00
9.63	5.75	18.50	17.00	5.75	7.00	54.84	5.53	4.00
10.53	6.42	17.13	15.50	5.65	8.00	55.22	5.05	3.50
9.43	8.20	17.19	16.00	5.31	6.00	53.59	6.28	4.00
10.63	5.74	16.50	15.00	5.00	6.00	56.50	5.63	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7822	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash	Bethlehem: A. T. Miner .....
7909	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash with Cod Liver Oil	Riverton: L. A. Coe .....
8162	Allied Mills, Inc., Chicago, Ill. Wayne Poultry Fattener	Bristol: A. J. Bower .....
7824	Allied Mills, Inc., Chicago, Ill. Wayne Scratch Feed	Bethlehem: A. T. Miner .....
8160	Allied Mills, Inc., Chicago, Ill. Wayne Special Scratch Feed	Bristol: A. J. Bower .....
8219	Allied Mills, Inc., Chicago, Ill. Wayne Turkey Mash	Bristol: A. J. Bower .....
7835	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Growing Mash	Meriden: Raymond Ives .....
6315	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Laying Mash	Meriden: Raymond Ives .....
6317	Arcady Farms Milling Co., Chicago, Ill. Arcady Scratch Grains	Meriden: Raymond Ives .....
8306	Arcady Farms Milling Co., Chicago, Ill. Wonder Complete Broiler Ration	New Britain: S. P. Strople ..
7657	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Laying Mash	Derby: Derby Feed Store ....
7636	E. W. Bailey & Co., Montpelier, Vt. Pennant Scratch Feed	Guilford: F. H. Rolf, Inc. ...

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.08	7.37	18.13	18.00	6.15	7.00	52.14	6.13	3.50
10.10	7.95	18.25	18.00	5.70	7.00	51.91	6.09	3.50
9.58	2.68	15.38	13.50	4.75	6.00	62.16	5.45	4.00
12.23	1.42	10.63	10.00	2.83	5.00	70.74	2.15	2.50
10.78	1.48	10.88	9.00	2.55	4.00	72.31	2.00	2.50
10.65	6.02	16.00	15.00	7.03	6.00	56.67	3.63	3.50
9.88	9.21	16.63	16.00	7.15	10.00	51.69	5.44	4.00
9.78	10.33	20.75	20.00	5.74	9.00	48.12	5.28	4.00
13.13	1.71	11.50	10.00	2.72	5.00	67.84	3.10	2.50
11.45	6.83	18.50	17.00	5.18	5.00	54.39	3.65	5.00
10.68	8.51	22.81	20.00	4.85	6.00	48.10	5.05	5.00
13.78	1.55	11.63	10.00	2.81	6.50	67.30	2.93	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7607	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Broiler Feed	Bridgeport: Herbert C. Ferris
6346	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga Developer Feed	Danbury: C. S. Barnum & Son .....
6225	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga Growing Mash	Shelton: Shelton Feed Co. ....
6227	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Cayuga Laying Mash with Butter- milk .....	Shelton: Shelton Feed Co. ....
6349	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga Scratch Feed	New Milford: W. L. Richmond & Son .....
7944	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Chick Feed	New Milford: W. L. Richmond & Son .....
6224	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Complete Starting Ration	Shelton: Shelton Feed Co. ....
7606	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Duck Growing Mash	Bridgeport: Herbert C. Ferris
6226	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Egg Mash with Buttermilk	Shelton: Shelton Feed Co. ....
6345	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Growing Mash	Danbury: C. S. Barnum & Son .....
7608	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Special Coccidiosis Mash	Bridgeport: Herbert C. Ferris
6343	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Special Scratch Grains	Danbury: C. S. Barnum & Son .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.63	7.59	16.88	15.00	4.13	6.00	56.17	4.60	4.00
11.88	1.53	10.88	10.00	1.50	5.00	70.53	3.68	2.50
10.68	8.92	16.50	16.00	5.18	7.00	53.94	4.78	4.00
9.68	11.20	21.31	20.00	5.85	7.00	47.23	4.73	4.00
12.68	1.38	12.06	9.00	2.52	5.00	69.08	2.28	2.50
12.03	1.58	11.19	10.00	1.88	3.50	69.64	3.68	2.50
10.70	8.40	18.13	16.50	3.91	6.00	54.51	4.35	4.00
11.13	7.15	18.88	17.00	4.65	7.00	53.21	4.98	4.50
9.53	11.52	21.88	21.00	5.80	7.00	46.52	4.75	4.50
9.58	9.34	18.38	17.00	5.17	7.00	52.83	4.70	4.00
8.98	8.44	18.44	17.00	2.71	5.00	58.83	2.60	1.00
12.60	1.44	12.50	9.00	2.26	3.50	69.20	2.00	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7658	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Turkey Growing Feed	Shelton: Shelton Feed Co. . . .
6135	Ira W. Beers, Hamden. Beer's Laying Mash	Hamden: Ira W. Beers . . . . .
6137	Ira W. Beers, Hamden. Beer's Scratch Feed	Hamden: Ira W. Beers . . . . .
6326	Black Rock Milling Corp., Buffalo, N. Y. Bidwell Dry Mash	Norwalk: Frank Libner & Sons . . . . .
7659	Black Rock Milling Corp., Buffalo, N. Y. Bidwell Scratch Feed	Shelton: Shelton Feed Co. . . .
6249	Bristol Supply Co., Bristol. Bristol Laying Mash	Bristol: Bristol Supply Co. . .
6251	Bristol Supply Co., Bristol. . Bristol Scratch	Bristol: Bristol Supply Co. . .
7954	C. Buckingham & Co., Southport. C. B. Scratch Feed	Southport: C. Buckingham & Co. . . . .
7828	C. Buckingham & Co., Southport. C. B. Starter	Southport: C. Buckingham & Co. . . . .
8249	C. W. Campbell Co., Westerly, R. I. Egg-O-Chick Feed	Westerly: C. W. Campbell Co.
8246	C. W. Campbell Co., Westerly, R. I. Egg-O-Chick Starter	Groton: C. W. Campbell Co. . .
8248	C. W. Campbell Co., Westerly, R. I. Egg-O-Growing	Westerly: C. W. Campbell Co.

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.28	10.85	16.88	16.00	5.63	7.00	51.36	5.00	4.00
10.45	6.77	21.50	19.00	6.46	7.00	49.54	5.28	5.50
12.83	1.48	11.81	9.00	2.90	4.00	67.95	3.03	3.00
10.65	8.55	23.69	18.00	5.31	8.50	47.45	4.35	3.00
12.65	1.63	10.88	10.00	2.68	5.00	69.11	3.05	1.50
8.98	9.78	20.88	18.00	7.53	10.00	47.93	4.90	4.00
10.90	1.68	12.63	9.00	2.99	6.00	68.97	2.83	2.00
12.18	1.50	10.75	10.00	2.80	3.80	70.37	2.40	2.50
10.40	8.61	19.31	17.00	4.50	5.00	51.80	5.38	4.00
11.43	1.39	11.69	10.00	1.25	5.00	71.56	2.68	2.00
9.05	3.65	15.63	15.00	3.98	5.00	61.99	5.70	4.00
8.68	7.42	21.25	18.00	5.35	8.00	52.25	5.05	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
8252	C. W. Campbell Co., Westerly, R. I. Egg-O-Intermediate	Westerly: C. W. Campbell Co.
8316	C. W. Campbell Co., Westerly, R. I. Egg-O-Mash	Groton: C. W. Campbell Co. . .
8243	C. W. Campbell Co., Westerly, R. I. Egg-O-Scratch	Groton: C. W. Campbell Co. . .
7874	Chapin & Co., Hammond, Ind. Ajax Egg Mash	Bristol: C. A. Cowles . . . . .
6303	Chapin & Co., Hammond, Ind. Ajax Scratch Feed	Bristol: C. A. Cowles . . . . .
6469	Chapin & Co., Hammond, Ind. Chapin Kernels Grow-All	Danbury: C. S. Barnum & Son
6189	Chapin & Co., Hammond, Ind. Chapin Kernels Lay-All	Plantsville: C. A. Cowles . . .
6190	Chapin & Co., Hammond, Ind. Chapin Kernels Start-All	Plantsville: C. A. Cowles . . .
6188	The Coles Co., Middletown. Fortune Egg Mash, with Dried Buttermilk	Plantsville: Atwater Mills . . .
6298	The Coles Co., Middletown. Fortune Growing Feed	Plantsville: Atwater Mills . . .
6187	The Coles Co., Middletown. Fortune Intermediate Scratch	Plantsville: Atwater Mills . . .
8014	The Coles Co., Middletown. Fortune Scratch Feed	Middletown: The Coles Co. . .



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.28	2.08	11.00	10.00	1.98	4.00	70.41	3.25	2.00
8.48	8.73	21.50	18.00	6.60	8.00	49.21	5.48	2.00
11.25	1.75	10.56	10.00	2.90	5.00	70.99	2.55	2.00
10.45	7.60	18.44	18.00	6.45	7.00	52.01	5.05	3.50
12.20	1.82	12.75	9.00	2.83	5.00	67.82	2.58	2.50
8.30	6.95	19.69	16.00	3.88	5.50	57.25	3.93	3.50
7.85	7.08	19.69	16.00	4.58	5.50	56.25	4.55	3.50
8.65	5.85	17.50	15.00	3.80	4.50	59.72	4.48	3.50
10.68	9.12	20.94	17.00	4.99	9.00	48.47	5.80	3.50
10.33	8.35	17.75	10.00	5.71	8.00	52.48	5.38	1.50
12.18	1.46	10.56	10.00	2.28	3.00	71.02	2.50	5.00
11.20	1.77	11.25	10.00	3.10	5.00	70.25	2.43	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6239	G. E. Conkey Co., Cleveland, Ohio. Conkey All Mash Chick Ration with Y-O	Ansonia: A. Hodos & Son ....
6162	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Chick Grains	New Haven: Frank S. Platt Co. ....
6243	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Egg Mash with Y-O	Ansonia: A. Hodos & Son ....
6163	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Grains	New Haven: Frank S. Platt Co. ....
6238	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Mash	Ansonia: A. Hodos & Son ....
6160	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Mash with But- termilk and Y-O .....	New Haven: Frank S. Platt Co. ....
6240	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Scratch Grains	Ansonia: A. Hodos & Son ....
6463	G. E. Conkey Co., Cleveland, Ohio. Conkey's Red Seal Laying Mash	Ansonia: A. Hodos & Son ....
6161	G. E. Conkey Co., Cleveland, Ohio. Conkey's (The Original) Starting Feed with Buttermilk and Y-O .....	New Haven: Frank S. Platt Co. ....
6405	C. A. Cowles, Plantsville. C. A. Blue Seal Mash	Plantsville: C. A. Cowles ....
6406	C. A. Cowles, Plantsville. Cowles' Scratch Feed	Plantsville: C. A. Cowles ...

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.98	7.15	15.56	15.00	4.03	6.00	56.68	5.60	4.00
12.23	1.64	10.88	9.75	1.28	2.50	71.67	2.30	2.50
9.88	9.97	21.06	20.00	5.14	7.00	47.87	6.08	5.00
12.43	1.48	11.81	10.00	1.65	3.00	69.15	3.48	2.50
9.53	7.60	17.75	18.00	4.84	7.00	55.15	5.13	4.00
10.78	8.31	18.88	18.00	4.55	7.50	51.55	5.93	5.50
12.58	1.36	11.69	9.00	2.45	3.00	69.72	2.20	2.00
10.60	7.09	18.88	18.00	5.21	6.00	52.82	5.40	4.00
15.38	6.80	15.88	15.00	3.33	5.00	52.68	5.93	4.00
8.88	13.91	18.06	18.00	6.12	6.00	48.25	4.78	4.00
12.98	1.68	11.38	10.00	2.78	5.00	68.43	2.75	1.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7977	Crosby Milling Co., Brattleboro, Vt. Crosby's Egg Mash	Thompsonville: John Williams
7700	Crosby Milling Co., Brattleboro, Vt. Crosby's Scratch Feed	So. Norwalk: Roodner Feed Co. ....
8019	P. Cutler, Inc., Colchester. Prosperity Laying Mash	Colchester: P. Cutler, Inc. ....
8020	P. Cutler, Inc., Colchester. Prosperity Scratch Feed	Colchester: P. Cutler, Inc. ....
6176	R. G. Davis & Sons, Inc., New Haven. Davis Buttermilk Mash	Milford: Milford Grain Co. ..
7677	R. G. Davis & Sons, Inc., New Haven. Davis Scratch Feed	Milford: Milford Grain Co. ..
7628	Delaware Mills, Inc., Deposit, N. Y. Brooklawn Special Scratch	Bridgeport: Brooklawn Feed Co. ....
7629	Delaware Mills, Inc., Deposit, N. Y. Delaware Broiler Mash	Bridgeport: Brooklawn Feed Co. ....
7602	Delaware Mills, Inc., Deposit, N. Y. Delaware Chick Grains	Bridgeport: Brooklawn Feed Co. ....
6196	Delaware Mills, Inc., Deposit, N. Y. .. Dela- ware Growing Mash (with Dried Milk)	Southington: Southington Lumber & Feed Co. ....
6197	Delaware Mills, Inc., Deposit, N. Y. Double Circle Scratch Grains	Southington: Southington Lumber & Feed Co. ....
7679	Delaware Mills, Inc., Deposit, N. Y. Indian Laying Mash with Dried Milk	Bridgeport: Brooklawn Feed Co. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.98	8.45	21.75	20.00	4.90	7.00	50.32	4.60	4.00
12.88	1.53	10.44	11.00	2.74	5.00	69.63	2.78	3.00
9.95	6.65	18.50	16.00	6.05	10.00	53.60	5.25	3.00
12.18	1.64	11.13	10.00	2.73	6.00	69.79	2.53	2.00
11.53	6.83	18.75	18.00	5.13	7.00	52.56	5.20	5.00
11.98	1.59	11.19	10.00	2.68	5.00	69.83	2.73	2.00
13.15	1.53	10.94	9.00	2.28	4.00	69.67	2.43	2.50
11.45	7.34	16.81	17.00	5.48	6.00	54.27	4.65	5.00
12.58	1.50	10.94	10.00	1.29	3.00	70.16	3.53	3.00
10.43	8.24	21.44	17.00	5.98	6.00	48.68	5.23	5.00
13.23	1.71	13.31	10.00	2.77	5.00	66.58	2.40	2.50
10.65	10.69	22.13	18.00	5.80	7.00	45.30	5.43	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
8255	Dietrich & Gambrill, Inc., Frederick, Md. Frederick Growing Mash	So. Manchester: A. H. Hayes
8030	Dietrich & Gambrill, Inc., Frederick, Md. Frederick Laying Mash	Putnam: Bosworth Bros.
8150	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's Developing Scratch Feed	Danielson: Young Bros. Co.
8029	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's Laying Mash	Putnam: Bosworth Bros.
8026	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's Scratch Feed	Putnam: Bosworth Bros.
8206	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Broiler Ration	Clinton: A. L. Lockwood
8200	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Broiler Ration with Cod Liver Oil	Norwich: A. E. Shedd
7941	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer	Norfolk: W. A. Spaulding
7945	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer with Cod Liver Oil	New Milford: Paul Caldwell
8340	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Egg Mash	Norwich: A. E. Shedd
6305	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Milk Egg Mash with Cod Liver Oil	North Haven: Ridgewood Farm

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
8.70	8.63	19.06	16.00	6.48	8.00	51.85	5.28	4.00
9.33	8.27	20.38	18.00	6.45	8.00	49.54	6.03	3.50
11.60	1.45	11.75	10.00	2.40	3.00	69.67	3.13	3.00
9.70	8.78	21.38	20.00	5.78	7.00	48.01	6.35	5.00
11.78	1.80	11.88	10.00	2.95	4.00	69.11	2.48	3.00
10.00	6.68	17.88	18.50	4.20	5.50	56.51	4.73	4.00
9.40	7.85	19.06	18.50	5.38	5.50	52.38	5.93	4.00
10.35	7.16	19.00	18.50	5.80	6.00	52.99	4.70	4.00
10.18	6.87	18.88	18.50	5.75	6.00	52.72	5.60	4.00
8.70	8.41	19.25	16.50	5.55	6.50	52.71	5.38	4.00
9.80	8.75	17.88	16.50	5.74	6.50	52.18	5.65	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6306	Eastern States Farmers' Exchange, Springfield, Mass. . . . . Eastern States Scratch Grains with Coarse Cracked Corn . . . . .	North Haven: Ridgewood Farm . . . . .
6304	Eastern States Farmers' Exchange, Springfield, Mass. . Eastern States Starting and Growing Mash with Cod Liver Oil . . . . .	North Haven: Ridgewood Farm . . . . .
8188	Eastern States Farmers' Exchange, Springfield, Mass. . Eastern States Turkey Grow	New Milford: Paul Caldwell . . . . .
8315	Eastern States Farmers' Exchange, Springfield, Mass. . Eastern States Turkey Start	Norwich: A. E. Shedd . . . . .
6473	Elmore Milling Co., Oneonta, N. Y. Elmore Chick Feed	Willimantic: Windham Grain Store . . . . .
6420	Elmore Milling Co., Oneonta, N. Y. Elmore Chixsaver	Winsted: Chas. R. Hawley . . . . .
6421	Elmore Milling Co., Oneonta, N. Y. Elmore Egg Mash	Winsted: Chas. R. Hawley . . . . .
7978	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Growing Mash	Hazardville: Amos D. Bridge's Sons . . . . .
6418	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore (Storrs Formula) Laying Mash	Winsted: Chas. R. Hawley . . . . .
7979	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Milk Grains	Hazardville: Amos D. Bridge's Sons . . . . .
7812	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Milk Grains Junior	Plainville: F. B. Newton . . . . .



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
12.33	1.68	11.13	10.00	2.89	4.00	68.59	3.38	2.50
9.28	9.09	18.56	16.50	4.60	6.00	53.02	5.45	4.00
9.30	9.07	21.63	20.00	4.48	5.00	49.49	6.03	4.00
8.10	10.27	24.63	24.00	3.85	5.00	47.20	5.95	4.50
13.63	4.29	11.88	10.00	1.55	3.50	65.47	3.18	3.50
11.50	5.51	14.25	14.00	3.50	5.00	59.81	5.43	4.00
10.23	8.68	19.81	18.00	5.22	8.00	49.46	6.60	4.00
9.78	7.95	18.88	17.00	6.48	8.00	51.18	5.73	4.00
11.58	6.09	18.38	18.00	5.18	7.00	53.39	5.38	4.00
9.20	5.82	27.00	25.00	10.18	11.00	43.30	4.50	5.00
10.23	6.03	21.75	20.00	8.73	10.00	48.23	5.03	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6423	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Scratch Feed	Willimantic: Windham Grain Store .....
7796	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified Laying Mash	New Britain: Wm. Cohen ...
8257	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Pennsy Scratch Feed	New Britain: Wm. Cohen ....
6131	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Chick Feed	Hamden: Ira W. Beers .....
6404	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Chick Starter	New Haven: Moran-Patton Co.
7849	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Fattening Mash	Chester: Leet Bros. ....
7792	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Growing Mash	New Britain: Wm. Cohen ...
6171	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Laying Mash	New Haven: Moran-Patton Co.
6133	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Scratch Feed	Hamden: Ira W. Beers ....
7986	Flory Milling Co. Inc., Bangor, Pa. Flory's Egg Mash	Hartford: H. L. Solloway ...
7815	Flory Milling Co. Inc., Bangor, Pa. Flory's Scratch Feed	New Haven: Moran-Patton Co.
7813	Flory Milling Co. Inc., Bangor, Pa. Golden Egg Laying Mash	New Haven: Moran-Patton Co.

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
14.73	1.42	11.38	10.00	3.45	7.00	66.24	2.78	3.50
10.55	9.65	18.69	16.50	6.03	6.50	49.00	6.08	4.00
10.75	1.77	10.88	9.00	2.60	4.00	71.12	2.88	2.50
11.78	1.52	12.38	10.00	1.67	3.00	69.40	3.25	3.00
6.98	5.58	17.75	15.00	4.43	6.00	60.13	5.13	4.00
10.83	5.50	15.63	14.00	3.58	5.00	59.51	4.95	4.00
10.90	6.21	18.13	16.00	6.50	7.00	52.13	6.13	4.00
10.45	8.55	21.38	20.00	6.63	7.00	46.61	6.38	5.00
12.08	1.62	11.81	10.00	2.75	4.00	69.11	2.63	2.50
9.35	8.54	21.56	20.00	5.95	6.00	49.75	4.85	4.50
13.13	1.56	9.63	9.00	2.55	4.00	70.68	2.45	2.50
10.38	7.13	21.25	20.00	5.83	7.00	49.98	5.43	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7843	Flory Milling Co. Inc., Bangor, Pa. Sunray Scratch Feed	New Haven: Moran-Patton Co.
8346	J. B. Garland & Son, Worcester, Mass. Garland's Growing Mash	No. Grosvenordale: Thompson Grain Co. ....
8345	J. B. Garland & Son, Worcester, Mass. Garland's Poultry Mash	No. Grosvenordale: Thompson Grain Co. ....
8347	J. B. Garland & Son, Worcester, Mass. Royal Worcester Scratch Feed	No. Grosvenordale: Thompson Grain Co. ....
8003	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Chick Ration	So. Coventry: E. W. Latimer
6468	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Egg Mash for Breeding and Laying .....	Norwalk: Frank Libner & Sons
6456	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Baby Chick Feed	Manchester: O. E. Bailey ....
8193	D. H. Grandin Co., Jamestown, N. Y. Grandin's Baby Chick Starter with Butter- milk .....	Warrenville: Ashford Co- operative Assoc. ....
6455	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Baby Chick Starter with Butter- milk—Cod Liver Oil .....	Manchester: O. E. Bailey ....
6457	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Complete Starting Ration with Buttermilk—Cod Liver Oil .....	Manchester: O. E. Bailey ....
6459	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Growing Mash with Buttermilk	Manchester: O. E. Bailey ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
13.05	1.44	10.06	9.00	1.98	5.00	71.17	2.30	2.50
7.83	11.89	19.56	14.00	3.60	8.00	51.44	5.68	4.00
7.55	15.08	22.75	20.00	4.73	8.00	44.31	5.58	4.00
10.95	1.88	10.69	8.00	3.70	5.00	69.78	3.00	2.00
9.78	8.04	18.13	17.00	4.35	5.00	54.90	4.80	4.00
9.43	8.94	22.00	20.00	6.28	7.00	47.75	5.60	5.50
11.75	1.37	11.25	10.00	1.54	5.00	70.94	3.15	2.50
10.08	4.72	15.56	14.00	3.95	5.00	60.39	5.30	4.00
9.90	4.98	14.94	14.00	3.46	5.00	61.49	5.23	4.00
10.53	7.87	17.56	16.00	3.13	6.00	56.01	4.90	4.00
8.80	11.14	15.69	15.00	5.66	8.00	53.73	4.98	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6458	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Intermediate Chick Feed .....	Manchester: O. E. Bailey ....
6460	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Laying Mash with Buttermilk	Manchester: O. E. Bailey ....
6461	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Screened Scratch Feed .....	Manchester: O. E. Bailey ....
8256	Great Atlantic & Pacific Tea Co., New York City. .... Daily Egg Mash Feed	So. Manchester: Great Atlantic & Pacific Tea Co. ....
8260	Great Atlantic & Pacific Tea Co., New York City. .... Daily Egg Scratch Feed	Burnside: Great Atlantic & Pacific Tea Co. ....
6403	Hales & Hunter Co., Chicago, Ill. Red Comb Chick Starter with Dried Buttermilk ....	Guilford: Fred C. Morse & Son .....
6297	Hales & Hunter Co., Chicago, Ill. Red Comb Duck Grower	Guilford: Fred C. Morse & Son .....
6296	Hales & Hunter Co., Chicago, Ill. Red Comb Duck Starter with Dried Buttermilk .....	Guilford: Fred C. Morse & Son .....
6127	Hales & Hunter Co., Chicago, Ill. Red Comb Egg Mash with Dried Buttermilk .....	Guilford: Fred C. Morse & Son .....
6308	Hales & Hunter Co., Chicago, Ill. Red Comb Growing Mash with Dried Buttermilk ...	Wallingford: A. E. Hall ....
6136	Hales & Hunter Co., Chicago, Ill. Red Comb Scratch Feed, No Grit	Hamden: Ira W. Beers .....
6320	A. S. Labieniec, Kensington. Reliable Laying Mash	Kensington: A. S. Labieniec ..

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
12.90	1.35	11.81	10.00	2.07	5.00	68.92	2.95	2.50
9.00	10.82	21.81	20.00	5.56	8.00	47.66	5.15	4.00
12.80	1.71	12.06	10.00	3.13	5.00	67.47	2.83	2.50
8.80	11.13	22.06	20.00	5.68	7.00	47.60	4.73	4.50
10.65	1.55	10.94	10.00	2.85	5.50	70.78	3.23	2.50
7.53	9.09	18.75	15.00	4.94	5.00	55.09	4.60	4.00
8.95	8.23	18.88	18.00	6.68	7.00	52.46	4.80	3.50
9.45	6.43	16.88	18.00	4.00	6.00	58.56	4.68	3.00
9.33	9.64	20.63	18.00	5.68	7.00	48.79	5.93	4.00
8.80	10.53	15.56	15.00	6.15	6.00	54.46	4.50	4.00
12.58	1.43	12.06	10.00	2.53	5.00	68.97	2.43	2.50
9.80	10.95	20.25	19.00	5.76	8.00	48.46	4.78	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6314	Laden Bros. Co. Inc., Wallingford. Laden's Baby Chick Starter	Wallingford: Laden Bros. Co. Inc. ....
6310	Laden Bros. Co. Inc., Wallingford. Laden's Growing Mash	Wallingford: Laden Bros. Co. Inc. ....
6311	Laden Bros. Co. Inc., Wallingford. Laden's Laying Mash	Wallingford: Laden Bros. Co. Inc. ....
7959	Larrowe Milling Co., Detroit, Mich. Larro Broiler Feed	Unionville: Lawton Miner Co.
6327	Larrowe Milling Co., Detroit, Mich. Larro Chick Grains	So. Norwalk: Roodner Feed Co. ....
6117	Larrowe Milling Co., Detroit, Mich. Larro Chick Starter	Branford: S. V. Osborn Estate ....
6329	Larrowe Milling Co., Detroit, Mich. Larro Egg Mash	So. Norwalk: Roodner Feed Co. ....
6328	Larrowe Milling Co., Detroit, Mich. Larro Growing Grains	So. Norwalk: Roodner Feed Co. ....
6199	Larrowe Milling Co., Detroit, Mich. Larro Growing Mash	Plainville: W. S. Eaton .....
7802	Larrowe Milling Co., Detroit, Mich. Larro Poultry Fattening Feed	Plantsville: C. A. Cowles ....
8236	Larrowe Milling Co., Detroit, Mich. Larro Turkey and Game Bird Adult Mash	Hazardville: Amos D. Bridge's Sons ....
7960	Larrowe Milling Co., Detroit, Mich. Larro Turkey and Game Bird Developer	Unionville: Lawton Miner Co.



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.75	8.13	18.25	17.50	4.74	5.00	53.78	5.35	5.00
9.85	5.87	18.13	17.00	4.74	5.00	55.86	5.55	5.50
9.85	7.89	20.00	18.00	5.30	5.00	51.73	5.23	5.00
10.93	9.13	16.81	15.00	5.98	7.00	52.45	4.70	4.50
12.08	1.26	12.25	10.00	1.69	3.50	69.99	2.73	2.00
9.20	7.86	18.13	16.50	4.80	5.00	54.73	5.28	4.50
9.13	10.64	20.13	19.00	5.84	7.50	48.46	5.80	5.00
11.60	1.38	10.25	10.00	2.15	3.50	71.72	2.90	2.00
9.05	8.58	18.56	16.00	5.67	6.50	52.04	6.10	4.50
10.40	7.71	15.63	14.00	6.03	7.50	55.50	4.73	4.00
9.60	9.25	18.63	16.00	6.18	7.50	51.19	5.15	4.50
10.35	8.36	17.63	16.50	6.35	7.00	52.16	5.15	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7961	Larowe Milling Co., Detroit, Mich. Larro Turkey and Game Bird Starter	Unionville: Lawton Miner Co.
7785	C. W. Lines Co., New Britain. Homestead Dry Mash	New Britain: C. W. Lines Co.
8259	C. W. Lines Co., New Britain. Homestead Scratch Feed	New Britain: C. W. Lines Co.
7783	C. W. Lines Co., New Britain. Mill Pride Fancy Scratch Feed	New Britain: C. W. Lines Co.
7784	C. W. Lines Co., New Britain. Mill Pride Milk Mash	New Britain: C. W. Lines Co.
7952	Long Hill Feed Store, Long Hill. Square Deal Buttermilk Laying Mash	Long Hill: Long Hill Feed Store .....
6414	E. Manchester & Sons, Winsted. Huntington Red Star Egg Mash	Winsted: E. Manchester & Sons .....
6412	E. Manchester & Sons, Winsted. Red Star Egg Mash	Winsted: E. Manchester & Sons .....
6416	E. Manchester & Sons, Winsted. Red Star Scratch Feed	Winsted: E. Manchester & Sons .....
6413	E. Manchester & Sons, Winsted. Red Star Starting Mash	Winsted: E. Manchester & Sons .....
7964	Maritime Milling Co., Inc., Buffalo, N. Y. B. B. Daisy Egg Mash with Dried Butter- milk .....	Collinsville: Rourke-Robotham, Inc. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.48	6.58	18.13	17.00	5.40	6.50	54.58	4.83	4.50
10.25	11.42	20.88	18.00	6.20	7.00	45.92	5.33	4.00
10.58	1.51	10.56	9.00	2.33	5.00	72.27	2.75	2.50
12.45	1.57	10.75	10.00	2.63	5.00	70.20	2.40	3.00
10.03	11.40	20.50	18.00	5.35	7.50	48.44	4.28	5.00
9.38	11.09	22.13	20.00	6.88	7.00	45.02	5.50	5.00
9.58	9.53	18.44	13.00	7.18	6.00	49.47	5.80	4.00
8.73	13.48	19.81	18.00	5.61	8.00	46.92	5.45	4.00
12.53	1.62	12.63	9.00	3.40	6.00	67.24	2.58	2.00
9.33	9.24	19.00	15.00	6.14	7.00	50.51	5.78	4.00
10.20	1.48	18.75	18.00	6.55	7.00	58.07	4.95	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7989	Maritime Milling Co. Inc., Buffalo, N. Y. Vitamized B. B. Daisy Egg Mash and Cod Liver Oil .....	Glastonbury: Stanley Melzen .
7948	Maritime Milling Co., Inc., Buffalo, N. Y. Vitamized Bull Brand Growing Mash	Brookfield: S. A. Smith .....
7965	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand Scratch Feed	Collinsville: Rourke-Robotham, Inc. ....
8210	Meech & Stoddard, Inc., Middletown. . Red Wing Special Buttermilk Chick Starter	Middletown: Meech & Stoddard, Inc. ....
8211	Meech & Stoddard, Inc., Middletown. . Red Wing Special Buttermilk Growing Feed	Middletown: Meech & Stoddard, Inc. ....
7769	Meech & Stoddard, Inc., Middletown. . Red Wing Special Buttermilk Laying Mash ...	Meriden: Meriden Grain & Coal Co. ....
7767	Meech & Stoddard, Inc., Middletown. Red Wing Special Chick Feed	Meriden: Meriden Grain & Coal Co. ....
7770	Meech & Stoddard, Inc., Middletown. Red Wing Special Intermediate Chick Feed	Meriden: Meriden Grain & Coal Co. ....
8207	Meech & Stoddard, Inc., Middletown. Red Wing Scratch Feed	Essex: Meech & Stoddard, Inc.
7766	Meech & Stoddard, Inc., Middletown. Red Wing Special Scratch Feed	Meriden: Meriden Grain & Coal Co. ....
7867	Mennel Milling Co., Toledo, Ohio. Mennel's Scratch Grains for Poultry, No Grit .....	Plainville: W. S. Eaton .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.78	8.05	18.88	18.00	6.53	7.00	51.86	4.90	3.50
10.63	6.78	16.25	17.00	5.43	7.00	54.78	6.13	4.50
12.10	6.14	10.63	10.00	2.65	4.00	66.20	2.28	2.50
8.80	10.56	17.50	13.00	5.18	5.00	53.00	4.96	4.00
8.58	10.39	18.50	17.00	7.40	8.00	49.63	5.50	5.50
10.00	11.51	18.88	17.00	7.08	8.00	46.85	5.68	5.50
12.75	1.95	12.50	10.00	2.48	5.00	66.12	4.20	3.00
13.63	1.54	10.00	10.00	2.58	5.00	69.72	2.53	3.00
12.15	1.43	10.44	10.00	2.28	5.00	71.17	2.53	3.00
13.85	1.50	10.00	10.00	3.14	5.00	69.11	2.40	3.00
12.98	1.70	10.50	10.00	3.45	5.00	68.58	2.79	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6223	Mennel Milling Co., Toledo, Ohio. Memo Egg Mash	Plainville: W. S. Eaton .....
7854	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Growing Mash	Higganum: Felix Petrofsky ..
7855	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Laying Mash with Dried Butter- milk .....	Higganum: Felix Petrofsky ..
6422	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Special A Laying Mash with Dried Buttermilk .....	Willimantic: Windham Grain Store .....
6424	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Scratch Feed	Willimantic: Windham Grain Store .....
6172	Moran-Patton Co., New Haven. C. B. Mash	New Haven: Moran-Patton Co.
7637	Fred C. Morse & Son, Guilford. Old Mill Growing Mash	Guilford: Fred C. Morse & Son
6126	Fred C. Morse & Son, Guilford. Old Mill Laying Mash	Guilford: Fred C. Morse & Son
6125	Fred C. Morse & Son, Guilford. Old Mill Laying Mash with Milk	Guilford: Fred C. Morse & Son
6130	Fred C. Morse & Son, Guilford. Old Mill Scratch Feed	Guilford: Fred C. Morse & Son
6128	Fred C. Morse & Son, Guilford. Old Mill Starting and Growing Mash	Guilford: Fred C. Morse & Son
8263	Nowak Milling Corp., Hammond, Ind. Domino Developing Feed	Sharon: Frank A. Wike & Co.

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.45	8.60	17.50	17.00	6.68	8.00	51.67	5.10	4.50
10.05	13.83	16.75	17.00	4.63	7.00	50.74	4.00	4.00
9.95	13.42	20.25	20.00	5.33	9.00	46.30	4.75	4.00
9.08	13.16	20.06	18.00	6.41	9.00	45.69	5.60	5.00
12.38	1.50	12.63	10.00	3.09	5.00	67.90	2.50	2.00
10.75	7.81	20.50	18.00	8.44	7.00	47.62	4.88	4.00
10.50	8.50	16.88	15.00	5.29	6.00	53.15	5.68	5.00
9.78	10.60	21.38	19.00	6.33	8.00	46.58	5.33	4.50
9.50	10.31	22.38	20.00	6.05	8.00	46.88	4.88	5.00
12.33	1.50	11.50	10.00	2.29	4.00	69.25	3.13	2.50
10.05	8.76	18.38	16.00	3.55	3.50	53.83	5.43	4.50
10.98	1.87	11.44	10.00	2.33	4.00	69.75	3.63	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7674	Nowak Milling Corp., Hammond, Ind. Domino Egg Pel-ets	Milford: Milford Grain Co. . .
8262	Nowak Milling Corp., Hammond, Ind. Domino Laying Mash with Buttermilk	Sharon: Frank A. Wike & Co.
8261	Nowak Milling Corp., Hammond, Ind. Domino Scratch Feed	Sharon: Frank A. Wike & Co.
6316	Ontario Milling Co. Inc., Oswego, N. Y. Aunt Mary's Egg Mash with Dried Buttermilk . . . . .	Meriden: Raymond Ives . . . . .
6475	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Egg Mash with Dried Butter- milk and Cod Liver Oil . . . . .	Middletown: P. Levson & Son
7866	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil . . . . .	Middletown: P. Levson & Son
7865	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Scratch Feed	Middletown: P. Levson & Son
6474	Ontario Milling Co., Inc., Oswego, N. Y. Oswego Egg Mash with Dried Buttermilk	Middletown: P. Levson & Son
8343	Ontario Milling Co. Inc., Oswego, N. Y. Sunshine Scratch Feed	Middletown: P. Levson & Son
6114	S. V. Osborn Estate, Branford. Osborn Mash	Branford: S. V. Osborn Estate . . . . .
6121	S. V. Osborn Estate, Branford. Osborn Scratch	Branford: S. V. Osborn Estate . . . . .



## INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.70	8.85	20.88	20.00	6.78	7.50	48.14	5.65	4.50
7.80	12.14	20.19	20.00	5.35	7.50	48.74	5.78	4.50
10.58	1.35	11.00	10.00	2.13	4.00	72.76	2.18	2.00
9.30	11.68	21.88	19.00	5.84	8.50	45.22	6.08	4.00
9.60	12.79	20.44	19.00	5.68	8.50	45.54	5.95	4.00
10.00	8.73	18.75	17.00	6.05	8.00	50.29	6.18	4.00
12.35	1.48	11.00	10.00	2.48	5.00	70.16	2.53	2.50
10.28	8.64	19.00	18.00	6.15	8.50	50.43	5.50	4.00
11.28	1.42	10.75	10.00	2.48	5.00	70.89	3.18	2.50
10.50	5.52	13.50	12.00	7.08	8.00	59.62	3.78	3.00
12.78	1.53	11.13	10.00	3.07	5.00	68.36	3.13	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6152	Park & Pollard Co., Inc., Buffalo, N. Y. All-In-One Starting Feed	Waterbury: Spencer Grain Co.
6149	Park & Pollard Co., Inc., Buffalo, N. Y. Growing Feed	West Cheshire: Cheshire Grain & Coal Co. ....
6153	Park & Pollard Co., Inc., Buffalo, N. Y. Intermediate Chick Feed	Waterbury: Spencer Grain Co.
6150	Park & Pollard Co., Inc., Buffalo, N. Y. Lay or Bust Dry Mash	Waterbury: Spencer Grain Co.
8241	Park & Pollard Co., Inc., Buffalo, N. Y. Lay or Bust Dry Mash with Cod Liver Oil	Danielson: Kennedy Corp. Inc.
7895	Park & Pollard Co., Inc., Buffalo, N. Y. Park & Pollard Broiler Ration	Waterbury: Spencer Grain Co.
6408	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Chick Scratch	Winsted: Leonard Grain Co. ..
6141	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Chick Starter	West Cheshire: Cheshire Grain & Coal Co. ....
7896	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Turkey Grower	Waterbury: Spencer Grain Co.
8201	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Turkey Starter	Norwich: A. E. Shedd .....
6342	Park & Pollard Co. Inc., Buffalo, N. Y. Red Ribbon Chick Feed	Danbury: C. S. Barnum & Son
6140	Park & Pollard Co. Inc., Buffalo, N. Y. Red Ribbon Scratch Feed	West Cheshire: Cheshire Grain & Coal Co. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.25	6.62	16.56	15.00	3.82	5.00	58.75	4.00	3.50
10.73	7.20	16.88	14.00	5.89	7.00	54.87	4.43	3.00
11.00	1.34	11.31	10.00	2.04	3.50	71.68	2.63	3.00
11.65	8.51	18.13	18.00	5.62	7.00	51.51	4.58	3.00
9.33	9.28	20.50	18.00	5.20	7.00	50.99	4.70	3.00
10.13	7.96	18.25	16.00	5.70	5.00	54.46	3.50	3.50
12.33	1.60	12.38	10.00	1.83	3.00	68.91	2.95	3.00
10.08	7.18	18.38	17.00	3.18	5.00	56.55	4.63	3.50
9.78	7.18	17.13	15.00	6.53	7.00	54.85	4.53	3.00
9.43	7.39	19.63	17.00	4.85	5.00	53.95	4.75	3.50
12.75	1.52	11.13	10.00	1.82	3.50	69.75	3.03	3.00
12.90	1.52	11.50	10.00	2.53	5.00	68.07	3.48	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
8203	Frank S. Platt Co., New Haven. Platco Laying Mash	New Haven: Frank S. Platt Co.
6168	Frank S. Platt Co., New Haven. Platco Perfection Grain Mixture	New Haven: Frank S. Platt Co.
6407	Pratt Food Co., Hammond, Ind. . Pratt's All Mash Starter and Grower with Buttermilk	Bristol: Bristol Supply Co. . .
6248	Pratt Food Co., Hammond, Ind. Pratt's Baby Chick Food with Buttermilk	Bristol: Bristol Supply Co. . .
6325	Pratt Food Co., Hammond, Ind. Pratt's Broiler Mash with Buttermilk	Norwalk: Frank Libner & Sons
7717	Pratt Food Co., Hammond, Ind. Pratt's Circle A Large Scratch Feed	Norwalk: Frank Libner & Sons
6302	Pratt Food Co., Hammond, Ind. Pratt's Growing Mash with Buttermilk	Bristol: Bristol Supply Co. . .
6324	Pratt Food Co., Hammond, Ind. Pratt's Intermediate Scratch Feed	Norwalk: Frank Libner & Sons
6247	Pratt Food Co., Hammond, Ind. Pratt's Laying Mash with Buttermilk	Bristol: Bristol Supply Co. . .
6253	Pratt Food Co., Hammond, Ind. Pratt's Large Scratch Feed	Bristol: Bristol Supply Co. . .
6453	H. C. Puffer Co., Springfield, Mass. Egg-Em-On Laying Mash	Manchester: Little & McKinney
7984	H. C. Puffer Co., Springfield, Mass. Egg-Em-On Scratch Feed	East Hartford: Stowe & Rondeau .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.73	6.20	21.88	20.00	4.68	7.00	51.58	5.93	5.50
13.25	1.52	12.31	10.00	3.68	3.50	66.29	2.95	3.00
10.60	7.23	17.56	16.00	3.69	5.50	56.37	4.55	4.00
10.10	9.74	16.38	16.00	3.31	4.00	55.92	4.55	3.50
10.65	9.50	18.88	16.50	4.24	6.00	52.00	4.73	4.50
12.38	1.59	10.25	10.00	2.94	4.00	70.06	2.78	2.00
8.53	11.39	19.00	17.50	6.22	7.00	49.36	5.50	4.50
12.85	1.40	12.50	10.00	2.12	4.00	68.33	2.80	2.00
8.80	9.37	22.13	20.00	6.68	6.75	47.52	5.50	4.00
12.18	1.42	12.00	10.00	2.34	4.00	69.23	2.83	2.00
10.38	8.93	20.81	20.00	5.68	8.00	50.02	4.18	4.00
12.20	1.53	11.00	10.00	2.50	5.00	70.24	2.53	1.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7992	Quaker Oats Co., Chicago, Ill. Early Bird Coarse Chick Feed	Rockville: Rockville Grain & Coal Co. ....
6344	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Chick Starter	Danbury: C. S. Barnum & Son
7993	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Chick Starter	Rockville: Rockville Grain & Coal Co. ....
6341	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Egg Mash	Danbury: C. S. Barnum & Son
6194	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Growing Mash	Plantsville: C. A. Cowles ....
7821	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Scratch Grains	Watertown: Watertown Co-op. Assoc. ....
7701	Quaker Oats Co., Chicago, Ill. .... Quaker Ful-O-Pep Station Grade Fattening Feed	Noroton: Davis Grain Co. ....
6448	Quaker Oats Co., Chicago, Ill. Schumacher Little Chick Feed—No Grit	Rockville: Rockville Grain & Coal Co. ....
7747	Quaker Oats Co., Chicago, Ill. Schumacher Scratch Grains, No Grit	Bethel: Morrison & Dunham ..
8153	Ralston Purina Co., St. Louis, Mo. Fine Ground Poultry Alfalfa Meal	Danielson: Kennedy Corp. Inc.
7705	Ralston Purina Co., St. Louis, Mo. Protena Scratch Feed (Buffalo Mill)	Stamford: Clapboard Hill Feed Co. ....
6175	Ralston Purina Co., St. Louis, Mo. Purina All Mash Startena Chow contain- ing Mineral .....	New Haven: Moran-Patton Co.

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.73	1.39	10.63	9.50	2.43	3.50	71.97	2.85	2.00
8.23	6.71	18.75	17.00	5.80	7.00	54.46	6.05	5.00
8.90	7.55	16.75	17.00	6.53	7.00	54.97	5.30	5.00
8.00	10.52	21.75	20.00	6.34	8.00	47.86	5.53	4.00
8.50	9.80	20.19	19.00	5.44	6.00	50.99	5.08	5.00
11.90	1.46	10.44	9.00	2.63	3.50	70.22	3.35	2.00
10.65	3.20	13.69	12.50	3.88	5.00	63.50	5.08	4.50
11.78	1.35	10.13	10.00	2.11	2.00	72.08	2.55	2.00
11.45	1.53	11.81	10.00	2.65	3.50	69.81	2.75	2.00
9.05	9.66	16.50	17.00	24.38	25.00	38.52	1.89	1.60
12.53	1.73	11.88	9.50	3.58	4.00	67.93	2.35	2.00
10.85	7.10	20.25	18.00	4.10	7.00	52.37	5.33	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
6451	Ralston Purina Co., St. Louis, Mo. Purina Breeder Egg Chowder containing Mineral .....	Rockville: Rockville Grain & Coal Co. ....
6338	Ralston Purina Co., St. Louis, Mo. Purina Chick Chow	Stamford: Clapboard Hill Feed Co. ....
6173	Ralston Purina Co., St. Louis, Mo. Purina Chicken Fatena Chow containing Mineral .....	New Haven: Moran-Patton Co.
6169	Ralston Purina Co., St. Louis, Mo. Purina Chick Growena Chow containing Mineral .....	New Haven: Moran-Patton Co.
6170	Ralston Purina Co., St. Louis, Mo. Purina Chick Startena Chow containing Mineral .....	New Haven: Moran-Patton Co.
6339	Ralston Purina Co., St. Louis, Mo. Purina Egg Chowder containing Mineral	Stamford: Clapboard Hill Feed Co. ....
7727	Ralston Purina Co., St. Louis, Mo. Purina Hen Chow	New Canaan: Clapboard Hill Feed Co. ....
7611	Ralston Purina Co., St. Louis, Mo. Purina Intermediate Hen Chow	Stratford: Farmers Flour & Grain Co. ....
6174	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow containing Mineral	New Haven: Moran-Patton Co.
6340	Ralston Purina Co., St. Louis, Mo. Purina Pig Chow	Stamford: Clapboard Hill Feed Co. ....
7669	Wolf Savitsky, Shelton. Wolf's Egg Mash	Shelton: Wolf Savitsky .....



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.93	10.16	21.00	19.00	6.87	8.00	47.11	4.93	3.50
12.50	2.05	11.25	10.00	2.46	4.00	69.06	2.68	2.00
10.20	3.98	14.00	12.00	5.67	6.60	61.60	4.55	3.00
9.75	7.05	17.13	16.30	6.13	7.00	54.94	5.00	3.50
10.05	9.14	22.38	19.00	5.11	7.00	47.69	5.63	4.00
10.25	9.77	21.13	19.00	7.38	8.00	46.54	4.93	3.50
12.63	1.64	11.00	10.00	3.88	4.00	67.35	3.50	2.50
12.00	1.84	11.00	10.00	1.99	4.00	70.07	3.10	2.50
11.93	8.73	18.75	17.00	6.43	8.00	49.73	4.43	2.50
11.15	10.22	27.75	25.00	7.79	8.00	38.96	4.13	3.20
10.93	8.73	21.13	18.00	6.08	7.00	48.15	4.98	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
7670	Wolf Savitsky, Shelton. Wolf's Scratch Feed	Shelton: Wolf Savitsky . . . . .
7681	Seymour Grain & Coal Co., Seymour. Miracle Chick Grower	Seymour: Seymour Grain & Coal Co. . . . .
6465	Seymour Grain & Coal Co., Seymour. Miracle Chick Starter	Seymour: Seymour Grain & Coal Co. . . . .
7818	Seymour Grain & Coal Co., Seymour. Miracle Laying Mash	Seymour: Seymour Grain & Coal Co. . . . .
6466	Seymour Grain & Coal Co., Seymour. See More Egg Scratch Feed	Seymour: Seymour Grain & Coal Co. . . . .
6228	Shelton Feed Co., Shelton Nelson Mixed Chicken Feed	Shelton: Shelton Feed Co. . . . .
6232	I. Sovitsky Grain & Coal Co., Ansonia. Ansonia Egg Mash with Buttermilk	Ansonia: I. Sovitsky Grain & Coal Co. . . . .
6237	I. Sovitsky Grain & Coal Co., Ansonia. Ansonia Scratch Feed	Ansonia: I. Sovitsky Grain & Coal Co. . . . .
8309	D. A. Stickell & Sons, Inc., Hagerstown, Md. Snap Intermediate Chick Feed	Stepney: M. Nusbaum . . . . .
8310	D. A. Stickell & Sons, Inc., Hagerstown, Md. Snap Scratch Grains	Stepney: M. Nusbaum . . . . .
6425	St. Albans Grain Co., St. Albans, Vt. King Chick Feed	Willimantic: Willimantic Grain Co. . . . .
8202	St. Albans Grain Co., St. Albans, Vt. King Baby Chick Starter containing Cod Liver Meal, Buttermilk, Cod Liver Oil ..	Norwich: Norwich Grain Co. .

## INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
12.75	1.47	11.00	13.00	2.25	4.00	69.70	2.83	3.00	
10.55	11.63	18.44	16.00	3.63	6.00	51.42	4.33	4.00	
8.98	9.08	18.75	16.00	4.40	6.00	54.31	4.48	4.00	
10.20	10.42	16.94	16.50	5.88	6.50	52.11	4.45	4.00	
12.05	1.66	12.44	10.00	3.21	6.00	68.09	2.55	3.00	
14.08	1.39	10.69	10.00	2.48	5.00	68.38	2.98	1.50	
9.10	9.91	21.25	20.00	4.20	6.00	50.14	5.40	6.00	
12.83	1.49	12.38	9.00	2.55	4.00	67.75	3.00	2.00	
11.58	1.79	11.75	10.00	1.70	5.00	69.48	3.70	2.50	
11.83	1.36	11.25	10.00	2.05	5.00	71.13	2.38	2.50	
11.70	1.33	12.50	10.00	1.86	4.00	70.08	2.53	2.50	
9.88	6.88	18.50	16.50	3.88	5.00	54.11	6.75	4.00	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
6430	St. Albans Grain Co., St. Albans, Vt. King Growing Feed containing Buttermilk	Willimantic: Willimantic Grain Co. ....
6431	St. Albans Grain Co., St. Albans, Vt. King Intermediate Chick Feed	Willimantic: Willimantic Grain Co. ....
6426	St. Albans Grain Co., St. Albans, Vt. King Mash Feed containing Buttermilk	Willimantic: Willimantic Grain Co. ....
8007	St. Albans Grain Co., St. Albans, Vt. King Mash Feed containing Cod Liver Oil —Buttermilk .....	Willimantic: Willimantic Grain Co. ....
6427	St. Albans Grain Co., St. Albans, Vt. King Scratch Feed	Willimantic: Willimantic Grain Co. ....
6318	St. Albans Grain Co., St. Albans, Vt. Paragon Scratch Feed	Meriden: H. Grulich .....
6115	St. Albans Grain Co., St. Albans, Vt. Wirthmore Baby Chick Starter containing Cod Liver Meal, Buttermilk, Cod Liver Oil	Branford: S. V. Osborn Estate .....
6111	St. Albans Grain Co., St. Albans, Vt. Wirthmore Complete Ration for Broilers with Cod Liver Oil .....	Branford: S. V. Osborn Estate .....
7887	St. Albans Grain Co., St. Albans, Vt. Wirthmore Duck Growing Feed	New Haven: R. G. Davis & Son .....
6119	St. Albans Grain Co., St. Albans, Vt. Wirthmore Gritless Chick Feed (Fine Chick Scratch) .....	Branford: S. V. Osborn Estate .....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.38	7.24	18.19	15.00	5.70	6.00	53.14	5.35	4.00
12.45	1.37	12.00	10.00	1.90	3.50	69.48	2.80	2.50
10.45	9.81	21.88	19.50	5.59	7.50	47.57	4.70	4.00
10.15	9.08	22.00	19.50	4.70	7.50	48.82	5.25	4.00
12.13	1.69	11.94	10.00	2.64	5.50	68.72	2.88	2.50
12.48	1.85	12.63	10.00	2.58	5.00	67.76	2.70	2.50
10.55	6.43	18.06	17.00	3.53	5.00	56.48	4.95	4.00
10.43	7.04	17.00	16.50	4.78	4.50	54.87	5.88	4.00
10.53	7.50	18.75	17.50	4.68	4.50	53.36	5.18	4.00
12.48	1.30	12.19	10.00	1.74	3.50	69.86	2.43	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
6116	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Feed containing Buttermilk .....	Branford: S. V. Osborn Estate .....
6185	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Feed Containing Cod Liver Oil—Buttermilk .....	Southport: C. Buckingham & Co. ....
6319	St. Albans Grain Co., St. Albans, Vt. Wirthmore Intermediate Chick Feed (Coarse Chick Scratch) .....	Meriden: H. Grulich .....
6132	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash with Buttermilk .....	Hamden: Ira W. Beers .....
6118	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash containing Cod Liver Oil—Buttermilk .....	Branford: S. V. Osborn Estate .....
6134	St. Albans Grain Co., St. Albans, Vt. Wirthmore Scratch Feed .....	Hamden: Ira W. Beers .....
7596	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Growing Feed .....	Southport: C. Buckingham & Co. ....
8204	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Growing Feed .....	New Haven: R. G. Davis & Sons .....
8158	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Starter with Cod Liver Meal and Buttermilk .....	Norwich: Yantic Grain & Products Co. ....
7663	Syracuse Milling Co., Syracuse, N. Y. Syracold Chick Feed .....	Southport: C. Buckingham & Co. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.60	6.26	16.50	15.00	4.48	6.00	56.23	4.93	4.50
15.98	7.31	17.13	15.00	5.53	6.00	48.47	5.58	4.50
12.80	1.31	11.00	10.00	1.90	3.50	70.16	2.83	2.50
10.50	9.48	20.25	20.00	4.95	7.00	50.19	4.63	4.00
9.83	9.15	21.63	20.00	5.23	7.00	49.26	4.90	4.00
12.35	1.47	12.50	10.00	2.58	4.00	68.65	2.45	2.50
11.73	6.85	15.75	18.00	4.85	6.00	56.22	4.60	4.50
10.63	7.00	17.06	18.00	5.43	6.00	54.85	5.03	4.50
9.08	8.01	18.56	20.00	4.90	5.00	54.00	5.45	4.50
13.18	1.53	12.19	10.00	1.68	5.00	68.24	3.18	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Continued)</b>		
7692	Syracuse Milling Co., Syracuse, N. Y. Syragold Chick Starter	Saugatuck: Saugatuck Grain Co. ....
6181	Syracuse Milling Co., Syracuse, N. Y. Syragold Egg Mash	Bridgeport: Brooklawn Grain & Feed Co. ....
6182	Syracuse Milling Co., Syracuse, N. Y. Syragold Growing Mash	Bridgeport: Brooklawn Grain & Feed Co. ....
7609	Syracuse Milling Co., Syracuse, N. Y. Syragold Laying Mash with Buttermilk	East Bridgeport: J. Simons ...
6321	Syracuse Milling Co., Syracuse, N. Y. Syragold Scratch Grains	Kensington: A. S. Labieniec ..
6158	Thomaston Supply Co., Thomaston. Thomaston Egg Mash	Thomaston: Thomaston Supply Co. ....
6157	Thomaston Supply Co., Thomaston. Thomaston Scratch	Thomaston: Thomaston Supply Co. ....
7949	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Broilertine	Hawleyville: W. A. Honan ...
7928	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Chicatine	Hawleyville: W. A. Honan ...
6301	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Chicatine with Cod Liver Oil	Bristol: Bristol Supply Co. ...
7229	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Derby-E-Gee Chick Grains	Hawleyville: W. A. Honan ...
6252	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Derby-E-Gee Scratch Feed	Bristol: Bristol Supply Co. ...



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.98	7.26	22.13	18.00	4.50	4.00	50.10	5.03	3.50
10.45	6.86	20.13	18.00	6.13	8.00	51.28	5.15	3.00
10.23	8.40	18.13	16.00	3.95	7.00	54.27	5.02	4.00
9.90	9.94	18.44	18.00	7.80	9.00	49.17	4.75	3.00
12.85	1.74	12.25	10.00	2.35	5.00	68.16	2.65	2.50
9.25	13.51	19.75	20.00	6.95	7.00	45.54	5.00	4.50
12.68	1.63	12.06	10.00	2.95	5.00	67.48	3.20	3.00
10.90	5.28	16.63	14.50	4.84	6.00	58.05	4.30	3.00
10.15	7.17	21.13	18.00	5.63	6.00	50.72	5.20	3.00
9.88	7.37	21.13	18.00	5.26	6.00	50.91	5.45	3.00
11.85	1.68	11.19	10.00	1.80	3.50	69.50	3.98	3.00
11.98	1.63	12.88	9.00	2.60	4.50	68.28	2.63	2.04

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Proprietary mixed feeds—(Continued)</b>	
6300	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Egatine	Bristol: Bristol Supply Co. ...
8235	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Egatine, with Cod Liver Oil	Hawleyville: W. A. Honan ...
7962	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Egatine Full Feed Pellets	Unionville: Lawton Miner Co.
7932	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. ... Tioga Chick and Growing Mash	Plainville: W. S. Eaton .....
6299	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .... Tioga Laying Food	Bristol: Bristol Supply Co. ...
6353	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .. Ti-O-Ga Neverfail Chick Grains	Torrington: Litchfield County Co-op. Assoc. ...
7623	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. ... Tioga Neverfail Growing Grains	Torrington: Litchfield County Co-op. Assoc. ...
6352	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. . Ti-O-Ga Neverfail Poultry Grains	Torrington: Litchfield County Co-op. Assoc. ...
8212	F. S. Wertz & Son, Reading, Pa. Mixed Grains Intermediate for Poultry	Long Hill: Long Hill Feed Store .....
7938	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Egg Maker	Naugatuck: Naugatuck Fruit & Produce Co. ....
8213	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Egg Mash	Manchester: Little & McKinney
7939	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Scratch Grains	Naugatuck: Naugatuck Fruit & Produce Co. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.28	8.22	26.38	23.00	5.65	6.00	45.19	5.28	3.00
9.45	7.65	25.88	23.00	5.23	6.00	47.01	4.78	3.00
10.33	7.40	19.88	17.00	5.13	6.00	51.96	5.30	3.50
10.78	6.22	18.13	16.00	5.95	6.00	54.42	4.50	3.00
9.90	6.69	21.13	18.00	5.71	6.50	51.69	4.88	3.50
10.63	1.25	11.06	10.00	1.37	3.50	72.49	3.20	3.00
13.00	1.57	11.38	10.00	1.58	4.00	69.17	3.30	2.50
12.05	1.62	12.19	9.00	2.52	4.79	68.79	2.83	2.08
11.65	1.59	11.75	10.00	2.15	4.00	69.96	2.90	3.00
10.00	6.96	20.69	18.00	6.30	7.00	50.25	5.80	4.50
8.95	9.70	19.25	18.00	4.85	7.00	51.92	5.33	5.00
12.20	1.60	10.94	10.00	3.45	5.00	68.88	2.93	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
<b>Proprietary mixed feeds—(Concluded)</b>		
7972	Yantic Grain & Products Co., Norwich. Big (Y) Chick Grains	Tariffville: Tariffville Grain Co. ....
6446	Yantic Grain & Products Co., Norwich. Big (Y) Chick Starter	Willimantic: Boston Grain Co.
8024	Yantic Grain & Products Co., Norwich. Big (Y) Growing Feed with Cod Liver Meal	Abington: Weeks Bros. ....
6434	Yantic Grain & Products Co., Norwich. Big (Y) Laying Mash	Norwich: Boston Grain Co. ..
8386	Yantic Grain & Products Co., Norwich. Big (Y) Laying Mash with Cod Liver Oil	Hamden: Hamden Grain Co. ..
6435	Yantic Grain & Products Co., Norwich. Big (Y) Buttermilk Laying Mash	Willimantic: Boston Grain Co.
7934	Yantic Grain & Products Co., Norwich. Big (Y) Scratch Feed	Hamden: Hamden Grain Co. ..
7957	Yantic Grain & Products Co., Norwich. Gingham Girl Scratch Feed	Farmington: Farmington Grain Co. ....
8157	Yantic Grain & Products Co., Norwich. Uncas Scratch Feed	Norwich: Yantic Grain & Products Co. ....
<b>Beef scraps, and other products</b>		
8159	Apothecaries Hall Co., Waterbury. Liberty Cooked Meat Scrap for Poultry	Waterbury: Apothecaries Hall Co. ....
6351	C. E. Buell, Inc., Boston, Mass. "Buell Boston" Dried Skim Milk	Torrington: Litchfield County Co-op. Assoc. ..

## INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.63	1.51	11.88	10.00	1.95	4.00	69.77	3.26	2.00
9.78	9.72	20.38	16.00	3.91	6.00	51.53	4.68	4.00
9.73	9.01	18.63	16.50	5.65	7.00	51.90	5.08	4.00
10.83	9.58	17.44	16.00	6.13	7.00	51.47	4.55	4.00
8.38	6.78	18.75	17.00	5.90	7.00	54.64	5.55	4.00
10.05	10.46	17.63	16.50	5.91	7.00	51.67	4.28	4.00
12.73	1.48	10.63	10.00	2.75	5.00	70.01	2.40	3.00
12.23	1.52	10.75	10.00	3.13	5.00	69.89	2.48	3.00
11.53	1.67	10.69	10.00	2.70	5.00	70.81	2.60	3.00
6.90	25.78	50.88	45.00	....	....	5.86	10.58	8.00
4.78	8.11	36.63	31.00	....	....	49.33	1.15 <sup>1</sup>	0.20

<sup>1</sup>Roese—Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Beef scraps, and other products—(Cont'd)</b>	
7599	C. W. Burckhalter, Inc., New York City. Burck-Brand Dried Buttermilk	Southport: C. Buckingham & Co. ....
7950	C. W. Burckhalter, Inc., New York City. Burck-Brand Powdered Skim Milk	Newtown: R. H. Holcomb & Co. ....
6122	Conn. Fat Rendering & Fertilizer Corp., West Haven. . . The Conn. Fat Rend. & Fertz. Corp. Meat Scrap .....	Guilford: F. H. Rolf, Inc. ....
7799	Consolidated By-Products Co., Philadelphia, Pa. .... Consolidated Beef & Bone Scrap	Plantsville: Atwater Mills ....
6429	Consolidated Feed & Grain Co., Buffalo, N. Y. . . . Bison Dried Skim Milk	Willimantic: Willimantic Grain Co. ....
7630	Consolidated Rendering Co., Boston, Mass. Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry .....	Thomaston: Thomaston Supply Co. ....
6186	Dairymen's League Co-op. Assoc., Inc., New York City. .... Dairylea Dried Skim Milk	Plantsville: Atwater Mills ...
6307	The Dry Milk Co., New York City. Chikora Pure Skim Milk	North Haven: Ridgewood Farm .....
7757	Eastern Grain Co., Bridgewater, Mass. Pure Dried Skim Milk Powder	Wallingford: A. E. Hall .....
8198	S. T. Edwards & Co., Chicago, Ill. Butterfly Dried Skim Milk	Danielson: Young Bros. Co. ..
8194	Fairfield Western Maryland Dairy, Baltimore, Md. .... Skim Milk Powder	Abington: Weeks Bros. ....
6184	L. T. Frisbie Co., New Haven. Frisbie's Poultry Feed	Southport: C. Buckingham & Co. ....

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.95	18.84	31.00	32.00	....	....	30.71	9.50 <sup>1</sup>	4.00
8.78	7.81	32.88	32.00	....	....	49.90	0.63 <sup>1</sup>	0.75
7.65	23.79	54.00	45.00	....	....	3.06	11.50	10.00
8.18	32.03	45.25	45.00	2.05	2.00	2.09	10.40	7.00
6.68	7.98	33.94	30.00	....	....	50.40	1.00 <sup>1</sup>	0.50
8.13	58.40	25.69	20.00	....	....	2.80	4.98	3.00
5.48	8.20	35.31	33.00	....	....	50.01	1.00 <sup>1</sup>	0.75
6.03	8.08	33.88	34.05	....	....	51.16	0.85 <sup>1</sup>	1.00
7.08	7.96	32.88	32.00	....	....	51.28	0.80 <sup>1</sup>	0.75
7.23	7.89	33.44	32.00	....	....	50.81	0.63 <sup>1</sup>	0.25
6.28	7.97	34.50	35.00	....	....	50.37	0.88 <sup>1</sup>	0.50
5.18	30.96	48.63	45.00	....	....	6.38	8.85	8.00

<sup>1</sup>Roesse-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Beef scraps, and other products—(Cont'd)</b>	
7631	L. T. Frisbie Co., New Haven. Frisbie's Poultry Feed	Thomaston: Thomaston Supply Co. ....
7616	L. T. Frisbie Co., New Haven. Frisbie's Poultry Feed	West Cheshire: Cheshire Grain & Coal Co. ....
8387	L. T. Frisbie Co., New Haven Frisbie's Poultry Feed	West Cheshire: Cheshire Grain & Coal Co. ....
6148	Fort Schuyler Farms, Inc., Utica, N. Y. Fort Schuyler Farms Superior Quality Powdered Skim Milk .....	West Cheshire: Cheshire Grain & Coal Co. ....
6193	Gorton Pew Fisheries Co., Gloucester, Mass. Gorton's Codfish Meal	Plantsville: C. A. Cowles ....
6159	Hershey Creamery Co., Harrisburg, Pa. "Hershey's Superior" Powdered Skim Milk	Thomaston: Thomaston Supply Co. ....
7999	Henry James & Son, Inc., Springfield, Mass. Special Cooked Meat and Bone Scraps	West Willington: H. M. Hansen .....
7793	Land O'Lakes Creameries, Minneapolis, Minn. Dried Buttermilk	New Britain: Wm. Cohen ....
6447	Land O'Lakes Creameries, Minneapolis, Minn. Dried Skimmilk	Rockville: Rockville Grain & Coal Co. ....
7969	Lincoln Farm Products Corp., New York City... Farm Brand Meat and Bone Scraps	Tariffville: Tariffville Grain Co. ....
6191	Jas. F. Morse & Co., Somerville, Mass. Morse's Meat Scraps	Plantsville: C. A. Cowles ....
6229	Chas. W. Priddy Co., Norfolk, Va. "The Best" Fish Meal	Shelton: Wolf Savitsky .....



## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
7.68	30.34	48.69	50.00	....	....	1.96	11.33	8.00
6.88	28.83	52.75	55.00	....	....	1.59	9.95	8.00
6.28	27.51	55.44	55.00	....	....	2.29	8.48	8.00
6.58	8.13	32.75	32.00	....	....	51.81	0.73 <sup>1</sup>	0.25
6.33	28.00	61.69	55.00	0.83	1.00	1.37	1.78	0.10
3.15	8.31	35.38	32.00	....	....	52.23	0.93 <sup>1</sup>	0.25
6.35	31.26	49.38	50.00	....	....	3.86	9.15	8.00
8.20	7.92	30.13	30.00	....	....	47.57	6.18 <sup>1</sup>	3.00
5.58	7.94	36.00	30.00	....	....	49.95	0.53 <sup>1</sup>	0.50
7.90	36.55	43.13	45.00	1.38	3.00	3.04	8.00	8.00
5.65	35.81	42.50	40.00	....	....	5.91	10.13	8.00
8.05	20.56	59.56	55.00	1.48	7.00	1.12	9.23	5.00

<sup>1</sup>Roese-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	<b>Beef scraps, and other products—(Cont'd)</b>	
7776	John Reardon & Sons Co., Cambridge, Mass. 45% Register Brand Meat and Bone Scrap	Meriden: Raymond Ives .....
8254	John Reardon & Sons Co., Cambridge, Mass. 55% Register Brand Meat Scraps	Westerly: C. W. Campbell Co.
6467	W. G. Slugg, Milwaukee, Wis. Slugg's Pure Dried Skim Milk Feed	Wallingford: A. E. Hall .....
7995	Springfield Rendering Co., Springfield, Mass. Springfield Poultry Feed	Rockville: Rockville Milling Co. ....
7624	John T. Stanley Co., New York City. Stanley's Meat and Bone Scrap	Torrington: Litchfield Co-op. Assoc. ....
8308	Swift & Co., Chicago, Ill. Swift's Meat and Bone Scrap	Long Hill: Long Hill Feed Store .....
8313	Swift & Co., Chicago, Ill. Swift's Poultry Bone Meal	Putnam: Dayville Grain & Coal Co. ....
8216	Theobald Animal By-Products Refining Co., Kearney, N. J. . . Production Brand Meat and Bone Scraps .....	Putnam: Dayville Grain & Coal Co. ....
8154	Van Iderstine Co., Long Island City, N. Y. Vico Pure Ground Meat and Bone Scraps	Moosup: Moosup Grain Co. . .
8025	Van Iderstine Co., Long Island City, N. Y. Vico Quality Meat Scraps for Poultry	Abington: Weeks Bros. ....
6428	Worcester Rendering Co., Auburn, Mass. P. W. Fish Meal 50%	Willimantic: Willimantic Grain Co. ....
8002	Worcester Rendering Co., Auburn, Mass. P. W. Meat Scrap 45%	So. Coventry: E. W. Latimer .
8001	Worcester Rendering Co., Auburn, Mass. P. W. Special Meat Scrap 55%	So. Coventry: E. W. Latimer .

## INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
6.23	34.91	43.81	45.00	1.55	3.00	3.17	10.33	6.00
5.30	27.59	52.50	55.00	1.38	3.00	3.22	10.01	6.00
5.10	8.07	33.94	30.00	....	....	51.74	1.15 <sup>1</sup>	0.50
6.35	29.96	50.00	45.00	....	....	6.09	7.60	8.00
7.40	28.23	45.63	45.00	1.88	3.00	4.66	12.20	10.00
5.98	25.17	51.63	50.00	1.55	3.00	2.29	13.38	6.00
7.28	9.90	28.25	25.00	1.28	3.00	51.14	2.15	2.00
7.03	25.23	55.38	55.00	....	....	3.81	8.55	5.00
7.00	29.90	45.88	45.00	....	...	7.54	9.68	5.00
7.85	28.31	49.88	50.00	2.25	3.00	3.96	7.75	5.00
8.03	22.68	54.81	50.00	0.74	2.00	3.31	10.43	4.00
7.05	33.48	45.63	45.00	2.05	6.00	2.89	8.90	8.00
8.20	24.57	56.25	55.00	1.85	5.00	0.95	8.18	8.00

<sup>1</sup>Roese—Gottlieb Method.

TABLE 1a. SUMMARY OF INSPECTION OF OFFICIAL SAMPLES

Feed	Samples examined	Samples deficient	Deficiencies in			Total deficiencies
			Protein	Fiber	Fat	
Cottonseed meal .....	9	4	2	4	1	7
Linseed meal .....	7	0	0	0	0	0
Soybean meal .....	1	0	0	0	0	0
Wheat bran .....	27	0	0	0	0	0
Wheat middlings .....	27	2	0	0	2	2
Wheat red dog .....	5	3	1	0	3	4
Wheat feed (mixed feed) .....	14	2	0	0	2	2
Corn gluten feed .....	9	0	0	0	0	0
Hominy feed .....	15	0	0	1	0	1
Rye products .....	1	0	0	0	0	0
Brewers' and distillers' grains ....	4	0	0	0	0	0
Dried beet pulp .....	6	0	0	0	0	0
Dried tomato products .....	1	0	0	0	0	0
Horse feed .....	70	9	1	7	1	9
Dairy feeds .....	142	28	7	5	20	32
Stock feeds .....	46	5	1	4	0	5
Calf feeds, etc. ....	16	1	0	0	1	1
Poultry feeds .....	301	27	5	3	21	29
Beef scraps, etc. ....	38	8	6	0	1	87
Total .....	739	89	23	24	52	99

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Allied Mills, Inc. ....	17	51	0	1	2	94
American Maize Products Co. ....	1	3	0	0	0	100
Apothecaries Hall Co. ....	1	3	0	0	0	100
Arcady Farms Milling Co. ....	11	33	0	0	2	94
Archer Daniels Midland Co. ....	1	3	0	0	0	100
Ashcraft-Wilkinson Co. ....	3	9	1	2	0	67
Bacon, E. R., Grain Co. ....	1	3	0	0	0	100
Bailey, E. W., & Co. ....	9	27	0	0	2	93
Beacon Milling Co. ....	21	63	0	0	0	100
Beers, Ira W. ....	2	6	0	0	0	100
Black Rock Milling Corp. ....	4	12	1	0	0	92
Blatchford Calf Meal Co. ....	1	3	0	0	0	100
Bridge's, A. D., & Sons, Inc. ....	1	3	0	1	1	33
Bristol Grain & Supply Co. ....	2	6	0	0	0	100
Brode, F. W., Corp. ....	1	3	0	0	0	100
Broder, L., Grain Store ....	1	3	0	0	0	100
Buckingham, C., & Co. ....	3	9	0	0	0	100
Buell, C. E., Inc. ....	1	3	0	0	0	100
Burckhalter, C. W., Inc. ....	2	6	1	0	0	83
Caledonia Mills, Inc. ....	1	3	0	0	0	100
Campbell, C. W., Co. ....	12	36	0	0	2	94
Canada Linseed Oil Mills, Ltd. ....	1	3	0	0	0	100
Chapin & Co. ....	9	27	0	0	0	100
Clinton Corn Syrup Refining Co. ....	1	3	0	0	0	100
Coles Co. ....	6	18	0	1	2	83
Commander-Larrabee Co. ....	1	3	0	0	0	100
Commander Milling Co. ....	1	3	0	0	0	100
Conkey, G. E., Co. ....	10	30	0	0	1	97
Conn. Fat Rendering & Fertilizer Corp. ....	1	3	0	0	0	100
Consolidated By-Product Co. ....	1	3	0	0	0	100
Consolidated Feed & Grain Co. ....	1	3	0	0	0	100
Consolidated Rendering Co. ....	1	3	0	0	0	100
Copeland Flour Mills, Ltd. ....	2	6	0	0	0	100
Corn Products Refining Co. ....	2	6	0	0	0	100
Cowles, C. A. ....	4	12	0	0	1	92
Cox, Chas. M., Co. ....	5	15	0	0	0	100
Crosby Milling Co. ....	3	9	0	0	0	100
Cutler, P., Inc. ....	5	15	0	0	0	100
Dairymen's League Co-op. Assoc., Inc. ....	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS  
(Continued)

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Davis, R. G., & Sons .....	7	21	0	0	0	100
Decatur Milling Co. ....	1	3	0	0	0	100
Delaware Mills, Inc. ....	11	33	0	1	1	94
Denver Alfalfa Milling & Products Co. ....	2	6	1	0	0	83
Dietrich & Gambrill, Inc. ....	9	27	0	0	2	93
Dominion Flour Mills, Ltd. ....	1	3	0	0	0	100
Dry Milk Co., Inc. ....	1	3	0	0	0	100
Dunn, Arthur G. ....	2	6	0	0	0	100
Eastern Grain Co. ....	1	3	0	0	0	100
Eastern States Farmers' Exchange .....	19	57	0	0	0	100
Eckhart, B. A., Milling Co. ....	2	6	0	0	0	100
Edwards, S. T., & Co., Inc. ....	1	3	0	0	0	100
Elmore Milling Co., Inc. ....	16	48	0	0	4	92
Eshelman, John W., & Sons .....	27	81	0	2	2	95
Evans Milling Co. ....	1	3	0	1	0	67
Fairfield Western Maryland Dairy .....	1	3	0	0	0	100
Farmers' Feed Co. ....	1	3	0	0	0	100
Flory Milling Co. ....	9	27	0	1	1	93
Forrest, J. A. ....	1	3	0	1	0	67
Fort Schuyler Farms, Inc. ....	1	3	0	0	0	100
Frisbie, L. T., Co. ....	4	12	2	0	0	83
Garland, J. B., & Son .....	4	12	0	0	0	100
General Mills, Inc. ....	8	24	0	0	0	100
Gorton-Pew Fisheries Co., Ltd. ....	1	3	0	0	0	100
Grandin, D. H., Milling Co. ....	11	33	0	0	0	100
Great Atlantic & Pacific Tea Co. ....	2	6	0	0	0	100
Hales & Hunter Co. ....	8	24	1	0	0	96
Ham, Frank B., & Co., Ltd. ....	2	6	0	0	0	100
Hamilton, Wm., & Son, Inc. ....	1	3	0	0	0	100
Hecker-Jones-Jewell Milling Co. ....	3	9	0	0	0	100
Hershey Creamery Co. ....	1	3	0	0	0	100
Humphreys-Godwin Co. ....	2	6	0	0	0	100
Imperial Grain & Milling Co. ....	2	6	0	1	0	83
International Milling Co. ....	3	9	1	0	1	78
James, Henry, & Son, Inc. ....	1	3	0	0	0	100
Kansas Flour Mills Corp. ....	1	3	0	0	0	100
Kellogg Co. ....	1	3	0	0	0	100
Kellogg, Spencer, & Sons .....	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS  
(Continued)

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Kelloggs & Miller, Inc. ....	2	6	0	0	0	100
King, H. H., Flour Mills Co. ....	1	3	0	0	0	100
Krause, Charles A., Milling Co. ....	1	3	0	0	0	100
Labieniec, A. S. ....	1	3	0	0	0	100
Laden Bros. Co., Inc. ....	4	12	0	0	0	100
Lamar Alfalfa Milling Co. ....	1	3	0	0	0	100
Land O'Lakes Creameries, Inc. ....	2	6	0	0	0	100
Larrabee Flour Mills Co. ....	2	6	0	0	0	100
Larrowe Milling Co. ....	14	42	0	0	0	100
Lincoln Farm Products Co. ....	1	3	1	0	0	67
Lines, C. W., Co. ....	5	15	0	0	3	80
Long Hill Feed Store ....	2	6	0	1	1	67
Lovitt, L. B., & Co. ....	3	9	1	2	1	56
Manchester, E., & Sons ....	9	27	0	1	0	96
Mann Bros. Co. ....	1	3	0	0	0	100
Maritime Milling Co., Inc. ....	10	30	0	0	0	100
Martenis, C. J., Grain Co. ....	4	12	0	0	0	100
Meador Milling Co. ....	2	6	0	0	0	100
Meech & Stoddard, Inc. ....	13	39	1	0	4	87
Mennel Milling Co. ....	6	18	2	0	0	89
Miller Cereal Mills ....	1	3	0	0	0	100
Miner-Hillard Milling Co. ....	2	6	0	0	0	100
Moon, Geo. Q., & Co., Inc. ....	11	33	0	0	2	94
Moran-Patton Co. ....	1	3	0	1	0	67
Morse, Fred C., & Son ....	10	30	0	0	0	100
Morse, James F., & Co. ....	1	3	0	0	0	100
Mt. Vernon Milling Co. ....	1	3	0	0	0	100
National Feed Co. ....	1	3	0	0	0	100
Niagara Falls Milling Co. ....	3	9	0	0	1	89
Northwestern Consolidated Milling Co. ....	2	6	0	0	0	100
Nowak Milling Corp. ....	5	15	0	0	0	100
Ogilvie Flour Mills Co., Ltd. ....	2	6	0	0	0	100
Ontario Milling Co., Inc. ....	15	45	0	0	1	98
Osborn, S. V., Estate ....	3	9	0	0	0	100
Park & Pollard Co., Inc. ....	29	87	0	1	1	98
Patent Cereals Co. ....	1	3	0	0	0	100
Pecos Valley Alfalfa Mill Co. ....	1	3	0	0	0	100
Penick & Ford, Ltd. ....	2	6	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS  
(Concluded)

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Pillsbury Flour Mills Co. ....	6	18	0	0	0	100
Platt, Frank S., Co. ....	2	6	0	0	0	100
Postum Co., Inc. ....	1	3	0	0	0	100
Pratt Food Co. ....	15	45	0	0	0	100
Priddy, Charles W., & Co., Inc. ....	1	3	0	0	0	100
Puffer, H. C., Co. ....	6	18	0	0	0	100
Quaker Oats Co. ....	24	72	0	0	1	99
Ralston Purina Co. ....	29	87	0	0	0	100
Reardon, John, & Sons Co. ....	2	6	2	0	0	67
Red Wing Milling Co. ....	1	3	0	0	0	100
Robin Hood Mills, Ltd. ....	2	6	0	0	0	100
Ronck & Bevis Co. ....	1	3	0	0	0	100
Russell Miller Milling Co. ....	3	9	0	0	0	100
Savitsky, Wolf ....	3	9	1	0	0	89
Seymour Grain & Coal Co. ....	8	24	0	0	2	91
Shelton Feed Co., Inc. ....	1	3	0	0	0	100
Slugg, W. G. ....	1	3	0	0	0	100
Sovitsky, Ike ....	4	12	0	1	2	75
Springfield Rendering Co. ....	1	3	0	0	1	67
Staley, A. E., Mfg. Co. ....	2	6	0	0	0	100
Stanley, John T., Co. ....	1	3	0	0	0	100
St. Albans Grain Co. ....	50	150	6	3	1	93
St. Lawrence Flour Mills Co., Ltd. ....	1	3	0	0	0	100
Stickell, D. A., & Sons, Inc. ....	3	9	0	0	0	100
Swift & Co. ....	2	6	0	0	0	100
Syracuse Milling Co. ....	12	36	0	0	1	97
Theobald Animal By-Products Refining Co. ..	1	3	0	0	0	100
Thomaston Supply Co. ....	3	9	0	0	1	89
Tioga-Empire Feed Mills, Inc. ....	20	60	0	0	0	100
Union Sales Corp. ....	1	3	0	0	0	100
Upper Hudson Rye Flour Mills ....	1	3	0	0	0	100
Van Iderstine Co. ....	2	6	0	0	0	100
Wertz, F. S., & Son ....	2	6	0	0	0	100
West Bay City Sugar Co. ....	1	3	0	0	0	100
West-Nesbitt, Inc. ....	5	15	0	0	1	93
Worcester Rendering Co. ....	3	9	0	0	0	100
Yantic Grain & Products Co. ....	22	66	1	2	4	89
Totals ....	739	2217	23	24	52	96



## MISCELLANEOUS

Seventy-seven samples submitted by individuals for the usual analyses or to be examined for poisons need no detailed discussion.

The loss of poultry, particularly young chicks, often prompted the poultryman to submit samples of feed for analysis. Seldom will chemical analysis or microscopic examination serve to explain the losses sustained. Mortality is more likely due to epidemic diseases in the flock than to poisonous ingredients in the feed.

In the case of stock, a change from one feed to another will often result in temporary refusal of animals to eat the new feed. Shortly, however, animals accustom themselves to the changed ration. Such appears to be the explanation in many cases of suspected feed samples submitted.

Occasionally definite findings can be reported in cases of viscera of stock or poultry sent to us. These are such substances as arsenic, phosphorous, lead, copper or cyanides and suggest access of the animals to rat poisons or insectides either by accident or carelessness or perhaps, in some cases, through malicious intent.



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<sup>2</sup>This was substituted later in the year for Uncas Sugared Stock Feed.









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